





# Master Plan for the Commercial **Forestry** Sector in South Africa 2020-2025









the dtic Department: Trade, Industry and Competition REPUBLIC OF SOUTH AFRICA the dtic - together, growing the economy





the dtic Customer Contact Centre: 0861 843 384 the dtic Website: www.thedtic.gov.za © The Department of Trade, Industry and Competition (**the dtic**), September 2020 Photos are royalty-free stock images, courtesy of **the dtic** photo library.

#### the dtic Campus

77 Meintjies Street Sunnyside Pretoria 0002

the dtic

Private Bag X84 Pretoria 0001

the dtic customer contact centre: 0861 843 384 the dtic website: www.lhedtic.gov.za

CCA	Copper Chrome Arsenate
CLT	Cross Laminated Timber
CREST	Centre for Research on Evaluation Science and Technology
DALRRD	Department of Agriculture, Land Reform and Rural Development
DEFF	Department of Environment, Forestry and Fisheries
DSI	Department of Science and Innovation
DWS	Department of Water and Sanitation
EC	Eastern Cape
EIA	Environmental Impact Assessment
EOC	Executive Oversight Committee
FABI	Forestry and Agricultural Biotechnology Institute, University of Pretoria
FMG	Forest Molecular Genetics
FMU	Forest Management Unit
FPAs	Fire Protection Associations
FSA	Forestry South Africa
GDP	Gross domestic product
IDC	Industrial Development Corporation
KZN	KwaZulu-Natal
M&E	Monitoring and Evaluation
MOU	Memorandum of Understanding
NFS R&D	National Forest Sector Research and Development Strategy
NRCS	National Regulator for Compulsory Specifications
NVFFA	National Veld and Forest Fire Act
OSB	Oriented Strength Board
PAMSA	Paper Manufacturing Association of SA
PPGI	Public Private Growth Initiative
PRA	Participatory Rural Assessment
R&D	Research and Development
RDI	Research, Development and Innovation
RIS	Re-imagined Industrial Strategy
SA	South Africa
SALGA	South African Local Government Association
SAPS	South African Police Service
SARS	South African Revenue Services
SEEP	Schools Environmental Education Programme
SIF	Sector Innovation Fund
SME	Small and medium-sized enterprise
SMME	Small, medium and micro-sized enterprise
SSA	Sawmilling South Africa
STI	Science, technology and innovation
SWOT	Strengths, weaknesses, opportunities, threats
the dtic	Department of Trade, Industry and Competition
	Technology and Human Resources for Industry Programme
 TIA	Technology Innovation Agency
ToR	Terms of Reference
TPCP	Tree Cooperative Research Programme
	University of Pretoria
VC	Video call
WC	Western Cape
WoF	Working on Fire
WUL	Water Use Licence
WOL	Water USE LIGEIIGE

# Contents

- 5. Implementation plan .....



 2
 3
 3
 6
1

# Introduction and overview

## 1.1.

### Introduction

The Forestry Sector Master Plan is in support of the Reimagined Industrial Strategy (RIS) for South Africa (SA), approved by the Government in June 2019. Forestry is also one of the sectors that is being prioritised under the Public Private Growth Initiative (PPGI – a partnership between the National Government and the private sector to stimulate investment.

The Department of Trade, Industry and Competition (the dtic) put in place the Master Plan process, working together with the sector specific departments. For the forestry sector, the Department of Environment, Forestry and Fisheries (DEFF) is the lead department with oversight over both the Master Plan and its implementation.

As the dtic has noted:

"The primary objective of the Master Plan process is to develop an agreed-upon set of actions, with time frames, that all stakeholders in a sector or value-chain commit to implementing for the benefit of the sector or value-chain. The objectives of the Master Plan include encouraging sector growth, investment, job creation and competitiveness."

### 1.2.

#### Overview of process

The Master Plan focuses on the following sub-sectors of the The multi-stakeholder Working Group met and engaged Forestry value chain: 1) Primary sector 2) Pulp and paper 3) extensively throughout the process, with the Executive Sawn timber 4) Board products 5) Utility poles and treated Oversight Committee (EOC) responsible for the final products. approval of this Master Plan. The Master Plan addresses the governance and institutional arrangements and capacity The Forestry Sector Master Plan has been developed requirements to take forward the Implementation Plan (Annexure A) and the M&E Plan (Annexure B). Institutional arrangements are in Annexure C.

using available research and extensive consultations with industry, specialist entities, and the relevant government departments and agencies. The development of the Master Plan included the following steps:

The stakeholder engagement had to accommodate the restrictions of COVID-19, and involved Group VC meetings, Phase 11: Secondary data analysis and research which interviews, and a survey, including government departments resulted in a Research and SWOT Analysis baseline report. and agencies, labour, small growers and CPAs, industry, as well as development finance, education and skills Phase 2<sup>2</sup>: Extensive stakeholder engagements to refine the institutions. Overall, there were more than 119 touch points, Goal statement, priority focus areas and outcomes of the with more than 250 entities engaged.

Forestry Sector Master Plan, documented in a separate report.

Phase 3<sup>3</sup>: Draft Master Plan report, with focus areas, outcomes and deliverables fully developed, with further stakeholder engagement.

Phase 44: The Master Plan report completed. During this phase, the deliverables, key actions, Implementation Plan



- 1 22 January 15 April 2020 2 16 April - 25 May 2020
- 3 26 May 25 June 2020
- 4 26 June 17 September 2020

and Monitoring and Evaluation (M&E) Plan were finalised, with further engagement with those responsible for implementation.

The table below summaries the level of engagement:

Number of Stakeholder Engagements		
Group VC Meeting Interview Survey		
31	43	45 respondents

# Overview of research

### 2.1.

#### **Executive Summary**

The Executive Summary of the research is provided below - the full Research and SWOT Analysis report is available as a separate document.

The forestry sector review found that there is a compelling case for prioritising the sector:

- Forestry products contribute at least 4.5% to total manufacturing - making it among the top five sectors within manufacturing.
- In less than 10 years, export earnings have almost trebled, with the sector providing a positive trade balance of close to R10 billion.
- The sector contributes almost 25% to Agricultural GDP.
- Much of forestry operations are rurally based, making it a significant contributor to rural economies and social wellbeing. It is estimated that the sector supports some 700 000 livelihoods.
- · Land reform, if expedited and effectively implemented, could result in as much as 50% black and community ownership of land available for plantations - currently, 3.8% of production volume is provided by small and emerging growers.

The research report finds that there is a strong synergistic relationship between private sector growth and transformation, particularly within the rural context.

The report analyses the prioritised sub-sectors from the perspective of the opportunities they offer for growth and investment and the barriers to success. Pulp and paper far outweigh the other sub-sectors, with two dominant, listed companies, Sappi and Mondi. These companies are vertically integrated and therefore impact both the agricultural and manufacturing value chains. Their investment commitments far outweigh those of other sub-sectors, and it will be their actions that will significantly affect the achievement of the goal and targets that have been agreed for the Master Plan.

That said, the research highlights important opportunities in the smaller sub-sectors. It suggests that there are key inhibitors or barriers to growth that are common across the sub-sectors, and that by prioritising these, the benefits will be felt throughout the forestry sector.

The standout constraint is the lack of new afforestation and the need to remove the impediments to bringing more land under commercial forests. The full benefits of this will be felt in the medium to long term, when the plantations mature. This is the foundational constraint on which future growth of the sector pivots. As a Forest Sector Charter Council report

notes, "one cannot beneficiate that which doesn't exist". As such, the research suggests that additional plantations and by implication, land reform are the leading priorities.

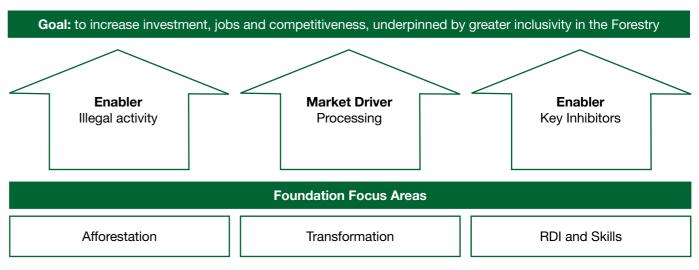
However, there are sub-sector specific inhibitors that can bring more immediate relief by addressing costs - in particular, transport, red tape and tax rebates - as well as efficiencies (within the sector itself and service providers, such as Transnet). There is a long list of specific constraints which were addressed in the subsequent phases of the Master Plan work.

### Master Plan Goal statement and focus areas

The focus areas play a different role in contributing to the goal statement. Afforestation, Transformation, RDI and Skills are foundational focus areas to the Master Plan. Without these focus areas, the growth and investment targets will not be realised, and Processing will not achieve its role as a market driver. The two enabling focus areas are Key Inhibitors and Illegal Activity – effectively addressing these will contribute to the growth of the sector. Excluded from the Key Inhibitors covered under Focus area 6 is the To increase investment, jobs and competitiveness, cost of utilities. The forestry industry is sensitive to the costs underpinned by greater inclusivity in the Forestry Sector. of water and energy and the sustained increases in these utility costs could derail the investment prospects of the Master Plan. These inhibitors are however not specific to the Forestry sector and are dealt with through other platforms.

2.2. The goal statement for the Forestry Master Plan has been formulated as follows: Seven key focus areas give effect to the achievement of the goal statement:

Figure 1: Graphic representation of the Master Plan focus areas



- Focus Area 1: Expanded Forestry Resource and Maintenance/Protection
- Focus Area 2: Transformation
- Focus Area 3: Processing
- · Focus Area 4: Illegal timber and crime-related activities
- Focus Area 5: Research, Development, Innovation and Skills Development
- Focus Area 6: Key Inhibitors
- Focus Area 7: Institutional Development

# The Master Plan deliverables

This section addresses the six focus areas in detail - the success statements and the deliverables. The detailed Implementation Plan and the associated M&E Plan are attached as Annexures.

First, to note the top-level indicators and targets: the Goal expresses growth and improvement against a several factors (investment, jobs, competitiveness, and inclusiveness), and therefore, there are a number of indicators that speak to this - the full details are provided in the M&E plan. Below are the two headline targets:

• Investment target: R24.9 billion to be invested, of which R8.4bn had already been invested at the time of finalising the Master Plan. A further R14 billion could follow pending the removal of some inhibitors, bringing the total investment to R38.9 billion.

• Jobs target: 100 549 additional jobs of which the bulk will come from new afforestation (a projected 60 265 jobs).

Competitiveness is measured by improved cost of and overall SME performance, the latter of which is a good production, the ratio of logistic cost to total cost of proxy of job creation potential within the sector. In addition, production, timber yields in the primary sector for various we track majority black ownership of commercial forestry genuses, and improved recovery rate in processing. plantations as well as the percentage of commercial forestry Competitiveness should be achieved by other factors, such planted area that is in production by black owned timber as improved timber yield, improved recovery rates and growers. investment in RDI (the competitiveness measures in the Master Plan. A reduction in employment and wages should The following commitments have been made by key be a last port of call – and if not the case, the Stakeholders stakeholders in the Master Plan. The detail on each commitment can be found in the Implementation and M&E recognise this would not be within the spirit of the Master Plan and would undermine the Master Plan achieving its plan. objectives.

#### Table 1: Key Commitments by Stakeholders

	Business	DEFF	the dtic	Other Govt/Agencies	Community small growers	Labour
Investment	<ul> <li>R24.96bn investment by the major companies, broken down by:</li> <li>R15.7bn (Pulp + Paper)</li> <li>R1.5bn (New Afforestation)</li> <li>R6.14bn (Sawmilling)</li> <li>R1.62bn (York Timber)</li> </ul>	Commits to recapitalisation of state land and facilitate communities to expedite investment opportunities for them. Total plantation opportunity is almost 200 000 ha consisting of: - 68 820 ha DEFF owned plantations - 151 000 ha earmarked for new afforestation		IDC to support community/small grower investment target Land Claims Commission to expedite claims to open up investment opportunities	Communities and small growers are committed to investing in productive forestry, conditional on the support measures being realised and the availability of finance (an initial R2bn) to support the development of and investment in their projects	Labour commits to supporting the sustainable supply of the primary resource
Employment	<ul> <li>100 000 jobs linked to investment plans, broken down by:</li> <li>New Afforestation: 60 265</li> <li>Recapitalisation of state-owned plantations: 22 610</li> <li>Pulp, paper &amp; bio-refinery: 10 194</li> <li>Re-establishment of areas lost to fires, pests &amp; diseases: 7 480</li> <li>Co-ordinating and supporting COVID-19 projects linked to Presidency's mass/social employment programme – potentially 20 000 immediate employment opportunities</li> </ul>	COVID-19 projects linked to Presidency's mass/social employment programme		IDC supporting and co-ordinating COVID-19 projects linked to Presidency's mass/social employment programme – potentially 20 000 immediate employment opportunities	60 265 potential jobs linked to new afforestation target of 151 000 ha	
Measures to open up new investment and job opportunities	Supports effective re-skilling programmes where jobs are at risk		Expand opportunities in the built environment	Educational programmes to support greater timber use in the built environment		Support re-skilling to avoid net job losses in the sector Promote the built environment using more timber as a green building material
Inclusivity	Commits to achieving the full Forest Sector Charter ratings for SME participation in supply chains, and in particular, for black controlled companies, and to achieving the Charter aim to transfer equity ownership and sale of business assets to achieve 25% ownership by black people (including workers, designated groups and participants in broad-based ownership schemes) in existing forest enterprises Provide effective extension services to community/small grower partners Investment in a blended finance instrument, once agreed by the partners Substantially increasing the number of black people, including black women, in management as well as professional and technically skilled positions in forest enterprises	DEFF commits to coordinating efforts to achieve community /black ownership aspiration of productive plantations Facilitate access to business support programmes and extension services for SMEs in processing Commits to the restructuring of state forest assets to support black ownership (including workers) in the forestry sub-sector and, through log supply, in the forest product sectors	Facilitate access to business support programmes and extension services for SMEs in processing Supports the development of a blended finance instrument proposal	Identified government departments and agencies' commitment to achieving the community/black ownership aspiration of productive plantations IDC to develop blended finance instrument proposal and potentially invest together with other DFIs, once agreed by partners	50% of land under productive forestry to be black owned, as per the Forest Sector Charter commitment Hectares of commercial plantations produced by majority black owned entities/small growers	Support the finalisation of land claims and removal of key inhibitors Commits to promoting black and worker ownership within the primary and processing sectors, as well as black participation in the supply chains of forestry companies
Competitiveness	Forestry companies commit to improving their timber yield Processing companies commit to improving their recovery rates Forestry & Processing companies commit to continued investment into RDI – possibly in collaboration with government & academia	Commit to strengthening RDI efforts through efficient management of the National Research Forum Commit to continued investment into RDI	Commit to strengthening processing RDI efforts through efficient management of the Processing Research forum Commits to regulatory, funding and other measures that will improve modernisation & competitiveness	Stakeholders with RDI responsibilities commit to technological innovation and other R&D programmes Academia commit to continued participation in Government RDI forums, continued advocacy for RDI funding and co-development of RDI funding proposals Academia commit to Human Resource Development of the Forestry sector professionals		

Inclusivity is measured by the increased share of procurement by SMEs that are part of the forestry value chain, tracking both black-owned company participation

#### FOCUS AREA 1:

### Expansion of the Primary Resources, Maintenance & Protection

The success of the forestry sector hinges on the ability of timber growers to supply sufficient raw material for present and future market demands. The expansion of the pulp subsector is currently constrained by an insufficient log supply. Should economic growth in South Africa be stimulated, the currently suppressed solid-wood processing sub-sectors will also not have sufficient log supply. In addition to this, if South Africa follows the global trend of promoting wood as a green building material, a source of energy and as an alternative to products currently produced from petroleum, the shortage of timber will be exacerbated further.

This first focus area encompasses new afforestation, the return of currently unproductive plantation land back to production, the protection of the plantation resource from pests and diseases, and the initiation of agroforestry as a tool for the overall sustainability of small and community-based growers.

To meet the current and future need, the following two critical aspects are required:

- The afforestation of new areas identified in the Eastern Cape and KwaZulu-Natal. This will yield more than 100 000 ha of additional productive plantation land.
- The return of previously afforested land to its full productive potential. This includes areas such the DEFF category B and C plantations (63 000 ha), the Western Cape exit areas (22 000 ha) and other unproductive or poorly performing plantations such as those belonging to municipalities or damaged by pests and fire.

Focus area 1: Expanded forestry resource (Table 2) investigates new afforestation, state owned plantations, KZN pest affected areas and fire affected areas in the Western Cape. The new afforestation earmarked for the Eastern Cape and KwaZulu-Natal will take place on community land. This will require a prioritisation process to determine which parcels of land are most suitable for short term productive afforestation. New business models need to be agreed upon to determine how best to structure the ownership and management of these new plantations. Funding will need to be sourced, with both project development and project implementation funding needs met. Processes such as EIAs and water use licensing need to be carried out before afforestation can take place.2 Also, the new plantation owners and managers will require comprehensive extension services due to forestry being a new activity and the historically disadvantaged backgrounds of the business and technical skills levels of many of the communities.

#### State-owned plantations (B&C and Exit) will be returned

to being productive assets. Slightly different approaches to these areas are required, depending on whether they have gazetted land claims or not. Where there are no current land claims, the deliverables focus on finalising the management models for recapitalisation of these plantations, followed by the issuing of expressions of interest for B&C and Exit plantations. Grant and soft loan funding facilitation needs to be enabled to strengthen community participation in the recapitalisation process. Extension services will be provided by the strategic industry partners. Where there are land claims, the deliverables focus on settlement of land claims and enabling communities to agree the business model most suited to plantation development. Grant and soft loan funding need to be facilitated and extension services provided. Applicable to state land with and without land claims, is the parcelling of plantations to ensure economies of scale. This will result in forest management units (FMUs) that are of sufficient size to realise a sustainable forestry business. These parcels could incorporate land with claims and land with no claims. The parcelling process needs to be completed before communities finalise their preferred business model

The ownership or business structure of state land being returned to being a productive asset will require a **prioritisation process** to determine which FMUs can be actioned in the short term. The criteria for prioritisation will includes factors such as the presence of an interested strategic partner, the current state of the plantations, organisation of communities and the status of the land claim finalisation process (if applicable).

There are also **cross-cutting deliverables** for new afforestation and state-owned plantations. DEFF will need to build capacity and make the required structural changes to support an increase in the primary resource and changes to its roles and responsibilities. To ensure that the requirements of communities are met, all plantation developments should be preceded by a Participatory Rural Assessment (PRA) process, that ideally also incorporates the valuation of the community/plantation assets (e.g. ABCD model). The communities will need to be supported in the establishment of governance and business structures to ensure sustainable businesses.

The World Forestry Congress (South Africa – 2015) legacy project entails financial support for small growers for the re-establishment of 13 800 ha of pest damaged trees in northern KZN (Beat Leptocybe). The State committed to playing the enabling role of accessing the finance for these growers. This project has been submitted for prioritisation under the special COVID-19 budget provision by National Treasury. The final sub-focus area is the fire affected areas in Western Cape, where the replanting of areas damaged by fire should be initiated, including MTO exit areas and privately owned land, with DEFF to coordinate funding efforts.

The alignment between the deliverables – most with high level action steps – and success (outcome) statements are summarised in Table 2.

#### Table 2: Focus area 1: Expanded Forestry resource

#### Objective statements:

i. To establish 151 000 ha of productive new plantations in Eastern Cape, Limpopo, Mpumalanga and KwaZulu-Natal by 2026
 ii. To return 68 820 of DEFF owned plantations (B&C and EXIT) into production by 2026
 iii. To return the KZN pest affected and Western Cape fire affected areas into production by 2026

Sub-focus area	Success statements	Deliverables
New Afforestation	Productive new plantations are established in the Eastern Cape and KwaZulu-Natal	Deliverable 1: I production Deliverable 2: I development: p Deliverable 3: I implementation Deliverable 4: / Deliverable 5: I Deliverable 6: I New Afforestatii process new lic
State-owned plantations	DEFF owned plantations (B&C and EXIT) are returned to being productive assets	Deliverable 7: F Plantations with Deliverable 8: N plantations Deliverable 9: F Deliverable 10: community part instrument, Foc Deliverable 11: Plantations with Deliverable 12: development Deliverable 13: Deliverable 14: community part instrument, focu Deliverable 15:
State-owned & New Afforestation		Other cross cu Plantations: Deliverable 16: support increas Deliverable 17: ideally incorpora model) Deliverable 18: and business st
KZN pest affected areas	KZN small-scale growers receive financial support to replant 13 800 ha of plantations lost to tree pests as part of the WFC legacy project (Beat Leptocybe) commitments	Deliverable 19: the World Fores National Treasu
Fire affected areas in WC	Replanting of WC areas damaged by fire gets underway including MTO exit areas and privately owned land	Deliverable 20: affected area

Parcels of land prioritised in terms of readiness to bring into

Business Models agreed by communities most suited to plantation possible options include

Funding/investment secured for project development and project n (see Focus area 2, blended finance instrument)

All authorisations in place (e.g. WUL, EIAs)

Extension services are provided

Undertake audit/study to determine land and water availability for tion as per the PPGI target areas of 151 000 ha, while continuing to cence applications

Plantations parcelled into logical forest management units (FMUs) ith no land claims

Management models finalised for recapitalisation of B&C and Exit

Expressions of Interest issued for B&C and Exit plantations **D:** Access to grant and soft loan funding facilitated to strengthen rticipation in recapitalisation process (see blended finance cus area 2)

I: Extension services are provided by the strategic partners ith land claims

2: Business models agreed by communities most suited to plantation

3: Land Claims finalised

**I:** Access to grant and soft loan funding facilitated to strengthen rticipation in recapitalisation process (see blended finance cus area 2)

5: Extension services are provided

utting deliverables for afforestation and State-Owned

**5:** DEFF capacity building and structural changes instituted to ses in primary resources (also listed in Skills focus area) **7:** PRA process implemented for all plantation developments that rate the valuation of community/plantation assets (e.g. the ABCD

3: Communities are supported in the establishment of governance structures

**9:** Funding support obtained for small growers as committed through stry Congress Legacy project. Funding potential through COVID-19 ury budget provision (also see Deliverable 14 – COVID-19 response)

: Funding efforts coordinated to enable replanting of WC fire

Forestry is a long-term crop, with rotation ages ranging from eight to nearly 30 years. If crop failures take place, it therefore takes many years for the replacement crop to reach maturity. This could result in further shortages of timber to exacerbate the current and future timber shortage situation. As such, the biggest risks to crop failures must be given huge focus if the industry is to be sustainable. These are fires, pests and diseases, and plantations need to be protected from these risks in a strategic and coordinated way. The Master Plan deals with these as separate subfocus areas (Table 3).

Regarding pests and diseases, many of the problems enter from neighbouring countries via one of many transport nodes. Therefore, the starting point is to prevent or slow the spread of pests and diseases across borders. This requires bilateral agreements with neighbouring countries to ensure border security (Deliverable 1). Other problems include animals, in particular baboons, which have caused much damage to plantations in Mpumalanga.

If a severe outbreak of pests or disease does occur, the effects on growers, especially small and community growers, can be severe as it can lead to crop failure. Forestry disaster relief funding is necessary to minimise the impact and to assist growers with crop re-establishment (Deliverable 2). Being organised and coordinated at a national level is critical to minimised outbreaks and ensure adequate impact prevention and reduction strategies and plans. A body is required that can represent the stakeholders and have a legislated mandate to implement risk reduction and disaster management. As Deliverable 3, the National Pest & Disease Committee is to be recognised as an Advisory body, with a clear ToR developed.

A database of relevant information is required to make informed decisions regarding pest and disease prevention strategies. Deliverable 4 entails the building and maintaining of a biosecurity digital platform. This will benefit multiple sectors (e.g. plantation forestry, natural forests and agriculture). A profile will be developed of existing pest and disease management data (across commodities and including various stakeholders). This will consist of the development of a centralised platform where all data will be stored (including the development of an App that enables stakeholders to input data and gain access to the data for strategic, research and management purposes). Monitoring for pests and diseases and recording outbreaks will all take place via the digital platform. Agreements will be concluded with all relevant stakeholders around the sharing of data and a champion will be identified to lead the development of this platform.

Capacity is needed in various organisations to ensure that the above deliverables can be implemented. Bodies such as the Tree Cooperative Research Programme (TPCP) at the University of Pretoria and the DALRRD Directorate of Plant Health play important roles in pest and disease prevention. monitoring and control. They both have capacity constraints primarily linked to funding. Deliverable 5 addresses the capacity and expertise constraints in implementing pest and disease management, specifically in Plant Health Unit (DALRRD) and inspection services (bio control agents).

Many deliverables were developed regarding fire prevention and suppression and are listed in Table 3. Some priority deliverables are highlighted. The highest priority is providing support to Fire Protection Associations (FPAs). FPAs are the district structures responsible for the implementation of the National Veld and Forest Fire Act (NVFFA). An effective FPA can collaboratively get landowners to comply with firerelated legislation and thereby significantly reduce the risk of fires. Deliverable 6 focusses on support to the FPAs in most need.

There is currently conflicting fire-related legislation which needs to be re-aligned to ensure effective fire risk management. Deliverable 7 reviews and aligns conflicting legislation in (for example) the NVFFA, the Fire Brigade Services Act and the Municipal Structures Act. A colloquium is to be established where areas of conflict will be mapped out and actioned, drawing on existing documents and blueprints that have been developed.

In a transformed forestry landscape, new landowners, especially community owned and small growers, may also rely on diversified crops for income generation and food security during the times when their trees are not ready to be harvested, or as an additional land use strategy for areas not suitable for trees.

Therefore, Agroforestry is introduced into the Master Plan as an acknowledgement that a specific short-term solution is needed for new landowners to deal with the financial consequences of COVID-19 (Table 4).

The specific deliverables focus on the increased promotion and the wider adoption of appropriate agroforestry systems in South Africa. These deliverables build on the work undertaken in the Agroforestry draft strategy.

#### Table 3: Focus area 1 - Maintenance of Forestry resource

II. 1 IIes. 101	educe the annual losses from fires	
Sub-focus area	Success statements	Deliverables
Pest & Disease	Effective border control and quarantine mechanisms put in place to prevent the establishment and spread of pests & diseases	<b>Deliverable 1:</b> Bilateral agreements with neighbouring countries revitalised
	Disaster relief funding available for pests & disease outbreaks	<b>Deliverable 2:</b> Forestry disaster relief funding made available to deal with pests & disease
	The National Forest Act amended to incorporate the establishment of a National Pest & Disease Advisory body	<b>Deliverable 3:</b> National Pest & Disease Committee to be recognised as an Advisory body, with a clear ToR developed
	i. A user-friendly, easily accessible biosecurity digital platform built and maintained (to include a formal monitoring and surveillance programme, developed collaboratively between the private sector and government)	<b>Deliverable 4:</b> Biosecurity digital platform developed and maintained that will benefit multiple sectors
	ii. Use of data to enable enables appropriate risk assessment and management	
	Capacity constraints are addressed through the appointment of staff in the Plant Health Directorate (including inspection services)	<b>Deliverable 5:</b> Capacity constraints in implementing pest & disease management addressed, specifically in Plant Health Unit (DALRRD) and inspection services (bio control agents) – covered under the RD
		Secure capacity and expertise through support of existing pests & disease management.
Fire Protection	Targeted FPAs provided with the required support to continue operations	<b>Deliverable 6:</b> Support provided to Fire Protection Associations (FPAs)
	Conflicts in legislation addressed	<b>Deliverable 7:</b> Review and align conflicting legislation in NVFF, the Fire Brigade Services Act and the Municipal Structures Act
	Finalisation of NVFF Act Amendments	<b>Deliverable 8:</b> Amendments to NVFF Act reviewed and signed off
	Organisational mandates clarified to ensure efficient management of fire prevention strategies/functions	<b>Deliverable 9:</b> Alignment/clarification of different organisational mandates – DEFF (Forestry Branch) vs WoF vs Disaster Management vs Municipalities
	Municipal Chief Fire Officers capacitated to fulfil their role as Fire Protection Officers	<b>Deliverable 10:</b> Chief Fire Officers capacitated to fulfil their legislated roles (including delegating the necessary powers to FPAs)
	The National Veld and Forest Fire Amendment Bill amended to incorporate the establishment of a National Fire Protection Advisory body	<b>Deliverable 11:</b> Fire protection management structures formalised with clear Terms of Reference developed
	Improved access to weather data	<b>Deliverable 12:</b> A weather data and national Fire Danger Rating programme implemented
	Develop a national fire database	Deliverable 13: A centralised national fire database to better
	i. Greater awareness and information sharing among the general public in terms of high-risk fire area	manage fire outbreaks developed and maintained Greater support for Fire R&D and Research Capacity
	ii. Utilisation of the data by various stakeholders to ensure greater efficiencies in the deployment of fire resources	Covered by RDI forums (Focus area 5)

Objective statements:	
i. To increase social employment	
ii. To improve food security of community growers	
Sub-focus area	De
Job creation	De
	pr
	20
i. Wider adoption of agroforestry by small growers/community	De
growers	No
ii. Improved food security	De

#### erables

Deliverable 14: Joint proposal developed containing delivery ready rojects, as per National Treasury COVID-19 budget provision for FY 020-21.

Deliverable 15: Implementation/wider adoption of Agroforestry Note: funding dealt with through Blended finance instrument (Focus area: Deliverable 4-6)

#### FOCUS AREA 2:

#### Transformation and Labour Issues

The forestry sector offers a unique synergy between growth of the sector and transformation - through progress in land reform, recapitalisation of state plantations (B&C and Exit) and the provision of significantly enhanced extension services and other forms of support to community and black businesses throughout the value chain (including funding). This would go a long way to ensure secure and sufficient supplies of the primary resource as well as improve productive black and rural participation throughout the sector.

On the primary side, some 25 000 small growers, most in KwaZulu-Natal, provide 3.8% of the plantation volumes. In the Eastern Cape, where community afforestation schemes are favoured, there is potential to bring an additional 100 000 ha under new afforestation. According to the ICFR, land claims will increase black ownership of forests to about 50%. Therefore, with land claim resolution together with expediting new and recapitalised plantations, significant opportunity exists to improve both transformation within the primary sector and growth.

As a result, the Master Plan has identified core elements that need to be addressed from the transformation perspective. notably resolution of outstanding land claims, improving the quality and reach of extension services, funding (that covers the full range from grant to soft to commercial finance) as well as advisory and business support.

The stakeholder engagements have highlighted the importance of transformation across the sector, and not solely within the primary sector. There is the challenge of giving coherence to a transformation response that needs to address very varied business needs and operations - from rural communities that are agriculturally-based to entrepreneurial businesses involved in processing. One response that has gained much favour is a blended finance instrument that could finance across the value chain, providing both project development and project implementation funding, together with the relevant business advice.

Against this backdrop, the transformation focus area has identified two broad objectives that support the goal for growth and inclusivity. The first is to increase community ownership and economic benefits related to the primary sub-sector; and the second is to expand community and black business opportunities throughout the sector with improved commercial viability.

To achieve this, the following sub-focus areas have been identified, with deliverables and key actions - see Table 5:

- · Land claims & post settlement support
- Blended finance instrument
- · Community and small enterprise advisory support.

To consider these in more detail:

#### Sub-focus area 1:

#### Land claims & post settlement support

A striking feature here is the low rate of resolution of land claims, which has been partially resolved through alternative arrangements with claimants to ensure plantation development and forestry operations continue. However, the lack of resolution impacts on the well-being of communities and the relationships that are so important between all the role players in the sector. Therefore, while plantation development should not be postponed until claims are finalised, a sector commitment to helping to expedite land claims is an important priority.

The Land Claims Commission is instituting a process to speed up the finalisation of claims. It has provided data on the status of land claims over DEFF plantations, with a number close to finalisation. From experience, finalisation could still take some years, and therefore, DEFF will have to consider whether to await finalisation of any land claim (in line with the new streamlined process) or to institute alternative arrangements for plantation development.

The Commission has also indicated that post settlement support for forestry-related land claims should shift to DEFF as the responsible department, in line with the Forest Sector Charter. This introduces another aspect to the restructuring of the department in line with changed roles and responsibility going forward.

Given this, three deliverables have been identified:

- Expedite land claims (particularly those close to finalisation)
- Enable plantation development while land claims are in process
- · Finalise and provide post-settlement support.

#### Sub-focus area 2:

#### Blended finance instrument

The Master Plan engagements have highlighted a grievance with regard to the funding support for the industry, particularly Three deliverables have been identified for the blended at the primary level, with exclusion from agricultural funding finance instrument: support mechanisms. In addition, on the processing side, Institute a blended finance instrument SMEs in the forestry sector have not taken up funding · DEFF to determine and institute oversight and other opportunities offered by the dtic.

This has raised two issues on funding, notably that the sector needs its own finance instrument, and that there needs to be a special focus on small black businesses across the value chain, who find it difficult to get out of the starting blocks in terms of any application for finance.

There have been previous discussions on a blended finance instrument focused on the primary sector. The various discussion under the aegis of this Master Plan have highlighted the following:

- The target beneficiaries of a blended finance instrument should be communities and small growers, as well as small black businesses across the value chain.
- The instrument needs to encompass project development (grant funding) and project implementation (soft and commercial financing). The IDC, which has a forestry programme, has provided a benchmark for successful implementation, notably 60% grant and soft financing and 40% commercial. This implies an important role for government in the provision of grant and soft funding, with industry also required to provide soft funding where there are strategic partnerships.
- Given the strong role of strategic partners, particularly in terms of soft finance for community and small growers, discussions have highlighted the importance of such a funding instrument being a partnership between industry and government.

the dtic and the IDC have established expertise and systems for blended finance instruments that also include project development. Also given that they are key stakeholders in the Master Plan, it is proposed that they are formally appointed to develop the proposal for a forestry sector blended finance instrument. Such a proposal would consider the various models in South Africa, including issues such as the manager of the fund (independent or government) and sources of funding (e.g. from DFIs like the National Empowerment Fund and international donors).

A consistent theme throughout the Master Plan engagements has been the need for effective business and transactional support for small growers and other small businesses. It is proposed therefore, that such support is provided as part of both the project development and

project implementation components of the fund. That said, there will be many businesses, outside of the ambit of the fund, but which require grant funded support – hence the third sub-focus area.

- responsibilities vis a vis the financing instrument
- Identify grant & soft funding providers available to the forestry sector.

#### Sub-focus area 3:

#### Community and small enterprise advisory support

This focus area addresses the needs of business enterprises that do not fall within the net of the blended finance instrument. The success statement notes that advisory support programmes should be available with two deliverables to enhance access. The first focuses on business enterprises across the value chain and the second addresses advisory support for communities to establish transparent governance/structures of community assets (where this is not part of the PRA process cited in Focus area 1).

#### Sub-focus area 4:

#### Certification of small growers

Small growers have raised the challenges of forest management certification, but it is required to ensure market access and premium prices for timber products. The key deliverable therefore is to provide support to ensure an increasing number of growers are certified.

#### Sub-focus area 5:

#### **COVID-19** Response

The stakeholders agreed that there needed to be a COVID-19 response, which would address the immediate to short-term needs of small and community growers and waste-pickers. As part of the engagements, the Presidency's Project Management Office (PMO) discussed the inclusion of forestry in a newly developed programme on mass/social employment, for which National Treasury made provision in the COVID-19 budget adjustment for 2020-21. The relevant parties agreed to the immediate development of deliveryready projects, including the World Forestry Congress legacy project and agro-forestry (see Focus area 1).

#### Sub-focus area 6:

#### Decent Work

The forestry sector commits itself to decent work including ensuring that all forestry workers are supplied with at least the minimum legislated protection by their employers.

To give effect to this, companies will not be assisted by Government in any way and cannot do business with Government if they do not pay the stipulated minimum wages and comply with stipulated minimum conditions.

Furthermore, upstream companies will not supply to and downstream companies will not purchase from companies that do not pay the stipulated minimum wages and comply with stipulated minimum conditions. In exceptional circumstances for emerging businesses, there will be a probation period of one year in the event of non-compliance, with contracting companies facilitating support to enable compliance and/or ending their commercial relationship in the event of non-compliance after the probation period.

#### Table 5: Focus area 2: Transformation

Objective statements:			
i. To increase community ownership and economic benefits related to plantation activities			
ii. To expand commun	nity and black business opportunities with improved commer	cial viability	
Sub-focus area	Success statements	Deliverables	
Land claims & post settlement support	<ul> <li>Outstanding land claims finalised within agreed timeframes</li> </ul>	<b>Deliverable 1:</b> Land claims expedited (particularly those close to finalisation)	
	ii. A post-settlement support package is in place	<b>Deliverable 2:</b> Enable plantation development while land claims are in process	
		Deliverable 3: Provision of Post-settlement support	
Blended Finance Instrument	A blended finance instrument developed for the Forestry sector	<b>Deliverable 4:</b> Institute a blended finance instrument <b>Deliverable 5:</b> Funding information resource developed that include grant and soft funding schemes	
Community and small enterprise advisory support	Advisory support programmes are available to community-based and small enterprises across the value chain (excluding extension services dealt with in Focus area 1)	<b>Deliverable 6:</b> Business related advisory support programmes established for forestry sector enterprises across the value chain	
		<b>Deliverable 7:</b> Governance related advisory support established for communities (where this is not part of the PRA process cited in Focus area 1)	
Certification of small growers	Increased certification of small-scale timber growers to ensure market access and premium prices for timber products	<b>Deliverable 8:</b> Small growers are supported with the process to achieve forest management certification	
COVID-19 Response	The most marginalised within the sector, notably rural communities and waste pickers, have greater resilience in the face of crises	<b>Deliverable 9:</b> Delivery-ready projects are implemented, under the auspices of the mass/social employment programme developed by the Project Management Office in the Presidency.	



#### FOCUS AREA 3:

#### Processing

The South African forestry sector is only as strong as the processing sector which ultimately needs to convert relatively low value roundwood into forest products. It is imperative that the local timber processing sector remains competitive in the international markets to beneficiate local roundwood supply originating and providing livelihoods in the rural economies. The focus area is aimed at driving competitiveness and market access of the South African timber processing sectors which in turn drives investment and creates jobs.

This focus area consists of five sub-focus areas, reflecting the work to be done across the processing value chain:

- Cross-cutting issues
- Pole Manufacturing
- Sawmilling
- Pulp & Paper manufacturing
- Board Manufacturing.

Table 6 provides more detail on the cross-cutting processing issues, setting out the success statements and accompanying deliverables over the short to medium term. The sub-focus areas include:

- Wood promotion: three deliverables have been identified to improve the uptake of the use of timber in the built environment. Firstly, promotional activities will need to be undertaken. Given the cost associated with promotional activities it is suggested that efforts around this be well coordinated and targeted. It is therefore proposed that a well targeted wood promotion plan be developed which covers timber and wooden products. The second deliverable will address the public sector tender restrictions, and entails working with the National Treasury, the Department of Human Settlement, Department of Public Works, South Africa Sawmilling (SSA) as well as SALGA to unlock the public sector opportunities. Deliverable three deals with the broader awareness raising activities, at school level, by way of including wood promotion in existing environmental education initiatives such as Schools Environmental Education Programme (SEEP).
- Developing a joint processing agenda: deliverable 4 is informed by the disjointedness of processing sub-sectors, making it a challenge to achieve collaborative effort on cross cutting issues. For example, the poles sub-sector has two business associations, whereas some years back there was one. Therefore, the stakeholder engagements highlighted the need for all processing role players to

come together to develop a few key priorities that they could collectively support to advance processing. This will include the promotion of the industry and timber products which have been addressed under Deliverable 1. The development of a priority plan can be preceded by a market study to identify additional key "products of the future" which include engineered wood products, Biorefinery etc. This would link directly to the RDI deliverable which already tables a suggested RDI Agenda.

- Lengthening of State primary resource supply contracts: Investment into sawmilling is constrained by too short supply side contracts. This lack of longer-term security results in sawmillers not wanting to invest in technology upgrades which limits the competitiveness of this sub sector. As an example, Safcol has accommodated this by making a firm commitment to lengthen the period for contracts for 50% of its supplies, while the remaining 50% is on short-term contracts to support new entrants.
- Funding/recapitalisation: An incentive scheme the Agro-Processing Support Scheme was launched by the dtic in 2017 to support qualifying enterprises with a case grant when undertaking capital investment projects. There was not a huge uptake of this scheme. It is proposed that this incentive scheme be better promoted to support investment in the forestry value chain. Additionally, potential applicants should be supported with the application processes as this also prevents the uptake of the scheme. This support should be available not only to the formal processing sector but also to the SMME processing sector.

Utilities, and specifically the challenges surrounding Eskom and stability of supply have been raised throughout the engagements. Given that this is a cross cutting economic issue and dealt with elsewhere on a much bigger scale, it was agreed that this will not be addressed in the Forestry sector master plan. Another issue raised by several stakeholders are the opportunities offered by Biomass. Given that a renewable energy Master Plan is being developed, it was agreed that this be addressed as part of that Master Plan.

For some deliverables, more detailed steps have been provided, for example deliverable 1 and 2. The intent is to populate this level of detail for all projects, as well as show the organisation responsible and timelines. This will be done in the final phase of the project.

#### Table 6: Focus area 3: Cross-cutting issues

	: ake of the use of timber in the built environment to industrial funding to drive competitiveness through m	odernisation of processing
Sub-focus area	Success statements	Deliverables
To improve the uptake of the use of timber in the built environment	Increased use of timber in the South African Built Environment	<b>Deliverable 1:</b> A variety of interventions implemented to promote the use of timber and engineered timber in the built environment (Including medium and high-rise buildings and products like Cross Laminated Timber (CLT) Oriented Strength Board (OSB), Laminated Veneer Lumber and Glulam (Glued Laminated Timber)
	Increased use of timber and engineered timber products in the government and state-owned entities	<b>Deliverable 2:</b> Designation of Timber for construction and Timber for Housing
State primary resource supply contracts are lengthened	To lengthen the supply side of log contracts from the state plantations	<b>Deliverable 3:</b> Procurement processes of state primary resources changed to allow longer supply-side contracts
Funding/Industrial Financing/ Recapitalisation	Increased uptake of the APSS which funds the recapitalisation of machinery up to 30% grant	<b>Deliverable 4:</b> Enabling better uptake of Government Incentives

Table 7 contains the success statements and deliverables for the four processing sub-sectors: utility poles, sawmilling, pulp & paper and boards. The sub-focus areas are further divided into sub-focus areas, providing a further categorisation of the issues that need to be addressed. The objective statements for the sub-focus areas centres around greater market access (utility poles and sawmilling), improved competitiveness (sawmilling), removal of regulatory impediments (pulp and paper) and enhancing the technical infrastructure environment (boards). The deliverables in support of these objectives are as follow:

• Utility poles: With 95% electrification achieved locally, the industry now finds itself with significant spare production capacity - an oversupply of around 12 000 cubes a month of transmission poles. The African market offers high growth opportunities for the utility pole sector due to increased investment into electrification of African countries such as Tanzania, Kenya, Rwanda and Uganda. The main impediments to accessing these opportunities include quality, pricing and certification protocols of the buyer countries. Three actions/steps have been listed in support of this deliverable: the dtic to assist in facilitating trade missions (action 1) as well as setting up meetings with the donors that typically fund these power projects (action 2). The purpose of the meeting would be to raise awareness amongst donor organisations of the quality of poles produced locally, and to lobby for the inclusion of South African standards into international/donor funded power projects. From there protocol agreements must be developed (action 3).

- Forestry Regional Integration: Deliverable 2 speaks to the promotion of investment in specific African countries, with a focus on Mozambique initially. This is combined with a need to engage funders to support this work.
- Sawmilling: Deliverable 3 covers the techno-economic benchmarking study to be commissioned to identify the technology gaps in the South African sawmilling sector with a view of improving the adoption of modern technologies. Once the benchmarking study is concluded a collaborative modernisation investment drive should be initiated. This drive will be done in conjunction with the dtic incentives with the view to upscale and modernise mills to be more efficient and add value to their products. It is important that these modernisation imperatives are focussed on both the formal sawmilling sector as well as the informal/SMME sector (so called bushmills).
- Pulp and Paper: Regulations regarding the Control of the Import or Export of Waste were published on 21 January 2019. These regulations regulate the import and export of both hazardous and general waste and were promulgated to strengthen the oversight and control by DEFF to prevent import of waste for landfill disposal. It is recommended that a clear distinction is made between hazardous and general waste which includes wastepaper as it is a significant resource to the paper industry in South Africa. PAMSA is requesting that further engagement be held with the key stakeholders to develop exclusions/solutions regarding wastepaper that ensure that a sound balance amongst the three pillars of environmental management, economic and social development are promoted (Deliverable 4).

· Boards: South Africa is a net importer of plywood, veneer boards and fiberboard. Approximately 69% of the plywood and veneer board is imported from China and Asia and 31% is imported from Brazil. It has been suggested that substandard board is entering the country, mainly from Brazil. The magnitude and scale thereof is however not clear, and more information was therefore requested from the company that raised this particular concern. Should this be included in the Master Plan, the National Building Council with the dtic will need to develop, and enforce standards on imported wood products (Deliverable 5).

Table 7 provides a summary of the alignment between the success statements and accompanying deliverables. The various objective statements are shown at the top of the table. Apart from deliverable 1, more detailed actions still need to be developed for all the deliverables. This work will be undertaken during Phase 4 in addition to clarifying timelines and the organisation responsible.

#### Table 7: Focus area 3: Sub-sector specific issues

i. To promote export market access for utility poles

Objective statements:

	<b>7</b> 1		
ii. To improve sawmil	ling competitiveness through the adoption	n of modern technologies	
ii. To promote market	access for solid wood products		
iv. To remove the prof	nibitive wastepaper regulations		
v. To enable an impro	oved technical infrastructure environment	which supports South African board pro	ducts in the marketplace
vi. To improve further	beneficiation of the dissolved wood pulp	to supply local industries	
Sub-focus area	Sub-focus area	Success statements	Deliverables
Utility poles	Market access	Utility pole producers are able to respond to export opportunities in Africa due to barriers being removed	<b>Deliverable 5:</b> Trade support provided to enable access specific African markets
Forestry regional integration	To promote investment in African countries		Deliverable 6: Promote Investment in specific African markets
Sawmilling modernisation	To improve sawmilling competitiveness through the adoption of modern technologies	Increased adoption of modern technologies in South African sawmills	<b>Deliverable 7:</b> Study undertaken to inform next steps for the modernisation of timber processing
Pulp & Paper	Legislation	A supportive legislative/regulatory environment created for waste	<b>Deliverable 8:</b> Wastepaper exclusions/solutions developed and submitted
Improving productivity of the forestry products industries	To extract the maximum value from wood biomass via biorefinery applications	Biorefinery technologies to enable development of new value chains from waste wood biomass	<b>Deliverable 9:</b> Biorefinery technologies for production of high value products and materials for use in various applications, e.g. chemicals and products to combat the COVID pandemic (new deliverable – links to RDI priorities
Board Manufacturing	To enable an improved technical infrastructure environment which supports South African board products in the marketplace	Local market specification s are enforced on Imported board products	<b>Deliverable 10:</b> Enforce compliance and apply standards on imported Board products



#### FOCUS AREA 4:

# Illegal timber and crime-related activities

Illegal timber and crime-related activities is a growing concern for the forestry sector. The forestry land base is large, making it difficult to have sufficient resources to protect forestry assets. Processing locations are also often located outside of traditional industrial zones, often in rural areas, placing additional pressure on them to contain criminal activities. The justice system (from policing to sentencing) also does not appreciate the severity of the problem. Criminal activities encompasses a variety of illegal practices across the value chain: illegal harvesting, the presence of special interest group activities, stealing timber on the roadside in plantations and in depots, timber being stolen from trucks on route to the market, stealing of CCA chemicals from treating plants as well as illegally treated wooden poles entering the market. The crime problem is exacerbated by the increase of timber merchants, who persuade growers to sell their timber to them on the false pretence that the growers' strategic partners/processing mills have agreed. The profile of criminal activities in the forestry sector needs to be raised to ensure the risks are better mitigated.

The illegal timber and crime-related activities are divided into three sub-focus areas, each with its own set of success statements and accompanying deliverables:

• Plantation theft: the establishment of a commercial forestry crime unit within SAPS is already being addressed through the broader PPGI initiative. Through this unit the limited cooperation from SAPS and the judiciary system will be addressed. Another deliverable under this sub-focus area is the appointment of Forest Officers. The National Forests Act assigns these Forestry Officers with very similar powers as that of a Police Officer - i.e. powers to enter and search, seize and arrest. These Forestry Officers can be viewed as an additional resource to curb the illegal and theft related activities in the Forestry sector. The processes involved to get these Forestry Officers appointed and working is guite extensive. It will entail getting corporate buyin to fund these Forestry Officers. In addition, there are minimum entry requirements potential candidates need to adhere to. These Forest Officers will need to be trained in two modules which costs approximately R10 000 (excluding venue and catering costs). Once training is complete a vetting/security clearance needs to be conducted, followed by the gazetting of these Forest Officers. The third deliverable in support of this subfocus area is the utilisation of the provincial 'Prov Joint"

meetings to escalate timber theft and illegal activities. All these deliverables will require up to date information on timber losses and illegal activities. A robust data system will therefore be put in place to ensure the continuous recording, analysis and sharing of data in support of curbing illegal timber and theft related activities (Deliverable 4).

- Illegal markets: It is proposed that illegal markets are addressed through the introduction of a permit system for timber transport, as well as ensuring all trucks are fitted with basic satellite technology to track the routes of the trucks. Both these deliverables will be highly reliant on the cooperation of all processors.
- Illegal activities in the treated timber & pole market: A significant amount of illegally "treated" wooden poles are entering the market (i.e. they have not been treated according to specification). As a first deliverable it is recommended that the wording of the NRCS legislation be amended to encompass what was implied in the original regulations contained in the National Forestry Act on preservative treated timber (if it appears to or avers to be preservative treated, then it must comply). In addition, a multi-stakeholder task team must be established to deal with the NRCS capacity constraints (human resources as well as ensuring access to the relevant equipment/ resources to fulfil their duties). The task team will also ensure a collective and coordinated response to illegal trade through expanded dissemination of information, developing a standard operating procedure to respond to illegal trading and ensuring "hotspots" are dealt with sufficiently.

The success statements and accompanying deliverables for each of the three sub-focus areas are summarised in Table 8. This focus area is quite well advanced in that detailed steps have been developed for most of the deliverables. The detail on the entity/organisations responsible and timeframes where finalised have been added to the table below. Any outstanding information, relating to high level actions and timeframes will be obtained in the final phase of the project.

#### Table 8: Sub-Focus area 4

Objective statement:			
To reduce timber losses as a result of illegal timber and theft related activit			
Sub-focus area	Success statements		
Plantation theft	SAPS agrees to establish a specialised forestry crit unit as a Commercial Crimes initiative		
	FSA, plantation owners, DEFF and SAPS develop a coordinated response to theft incidents – and when community grievances are at the root of the proble a coordinated response is developed to unblock problems		
	Availability of timeous, accurate theft related data, used to address timber issues		
Illegal Markets	Industry-wide traceability (Origin) of timber institute to curb sale of stolen timber		

Illegal activities in Coordinated enforcement, and compliance to VC9092 in respect of illegal timber treatment and pole market



ities f	rom 0.42% to 0.2% by 2026
	Deliverables
ime	<b>Deliverable 1:</b> Establishment of a Commercial Forestry Crime Unit
a ere	<b>Deliverable 2:</b> Recruitment, training, and appointment of Forest Officers
əm,	<b>Deliverable 3:</b> Utilisation of the Provincial (Prov Joints) SAPS meetings to escalate forestry sector crime
	Deliverable 4: Forestry Sector crime data systems implemented
ed	<b>Deliverable 5:</b> Establish a Log Transport Permit System (to allow policing by SAPS of timber being transported)
	Deliverable 6: Timber Theft self-regulation system instituted
	(similar to RTMS accreditation)
	Deliverable 7: Amend the wording of the NRCS regulations
	<b>Deliverable 8:</b> Multi-stakeholder task team established that addresses the various compliance and enforcement challenges

#### FOCUS AREA 5:

### **Research Development & Innovation** (RDI), Human Resource Development and Skills

The South African Forestry sector is based on a long and rich history of sound research and development practices. However, the industry is currently faced with several challenges related to existing levels of investment in RDI, as well as the development and retention of the necessary expertise and skills.

An investment in RDI is an investment in the production of cutting-edge knowledge, high-level human resources and skills, and appropriate technologies in forestry, with long lead times for realising value, RDI is critical to the protection and sustainability of the resource.

The diminishing R&D funding from the government was raised in the research phase for this Master Plan. Numerous policy documents have emphasised the urgent need for increased investment in RDI (NDP, White Paper on Science and Technology Innovation, Transformation Charter, APAP, Forestry Roadmap). Unfortunately, government RDI contributions have not materialised.

The perception also exists that the primary sector gets the bulk of RDI funding, with insufficient funding of research in timber processing, timber construction and the bioeconomy sub sectors. Given existing constraints on public sector funding for RDI, there is an urgent need to ensure that RDI priorities are identified appropriately and funded accordingly. In addition, new ways to maintain and secure funding for the sector need to be developed.

Table 9 sets out the three sub-focus area for RDI as identified in our consultative process:

- The state of RDI in the Forestry sector
- Agenda setting for Forestry RDI
- Investment in RDI.

For the state of RDI sub-focus area, a joint study between CREST (Centre for Evaluation, Science and Technology) and Forestry SA (as the lead for industry) will be undertaken. This proposed study will replicate and expand on the 2015 study in order to provide up-to-date information on themes such as expenditure, weighted analyses of research priorities, analyses of the human resources capabilities and transformation trends. In addition, the study will revisit the recommendations made in the 2015 report. The proposed review will aim to provide more granular data as well as including a bibliometric analysis of forestry science publications. The study will cover the primary and secondary sectors.

The third success statement refers to the further articulation of the RDI agenda - co-constructed between academia. government, and industry - for the sector which will enable greater coordination and collaboration between all stakeholders. Given the dire fiscal situation and constrained economic environment, RDI platforms should be used as the centralised mechanisms for identifying RDI priorities (basic and applied research) and take the necessary actions to advocate and lobby for funding. To this end, three potential priority setting forums/clusters are proposed:

- The National Research Forum
- The Processing RDI forum
- the dtic Forestry Cluster.

The primary sector RDI agenda is dealt with through the National Research Forum, a body that has been in existence since 2017, whereas for processing, the RDI agenda-setting will be undertaken through the newly established Processing RDI forum. Priorities raised through the engagement for this Master Plan are listed in Table 9 below for consideration by the forum.

Mary Scholes' 2019 review of the National Forest Sector Research and Development Strategy (NFS R&D) also warrants mention. This process involved a range of R&D stakeholders, including tertiary institutions, the forest and forest products sector and government. Through this review process, the relevance of the 10 themes identified in the NFSR&D strategy was assessed and resulted in specific recommendations regarding gaps in R&D. These included the following:

- The need for greater emphasis on threats such as climate change
- · Greater emphasis on new RDI opportunities (i.e. bioeconomy, Fourth Industrial Revolution, precision forestry, synthetic biology)
- · More research addressing additional forest products especially from natural landscapes
- · More research on economic development within the context of natural forests and woodlands, Category C plantations and urban forests.

It is proposed that the respective forums take up the R&D gaps are not already being addressed.

In terms of the DSI Forestry Cluster, the DSI and the Technology Innovation Agency (TIA) are broadening the scope of the current Forest Molecular Genetics Cluster Programme to include downstream activities - to strengthen the value chain and increase productivity and competitiveness within the ecosystem. The proposed cluster model aims to craft more opportunities in the innovation (upstream) value chain which can be applied in

the downstream elements. This will be accomplished via a On the DSI front, funding support for several highly strategic multi-stakeholder vehicle that takes into consideration all RDI instruments in applied research ceases after 2020/21. applicable public and private players in the context of the The Sector Innovation Fund (SIF) has enabled industry to forestry sector RDI, ranging from the small growers to large develop their own research portfolios, filling a significant gap corporations. The objectives of the cluster include: with a change in conditions of the THRIP programme. The RDI projects initiated under SIF addressed key challenges Upstream facing industry which includes tree breeding, pesticide and - Utilising DNA technology to reduce timber theft (Wood disease management, use of spatial technologies and site forensic) sustainability. The Biorefinery initiative is a consortium-- Improving quality of tree plantations through molecular based project that addresses the downstream value chain, breeding techniques specifically bio residue from processing. Although listed as - Developing pest and disease-resistant tree varieties a current RDI priority under Deliverable 3, further funding and mitigating climate change. will be required to advance the market opportunities once Downstream the RDI related work is concluded - and hence its inclusion as part of Deliverable 6. The proposed Forestry Cluster - Improving efficiency of biomass feedstock processing (described as part of the RDI agenda setting focus area) through biorefineries approaches will also require funding. Pending the strategic alignment - Diversifyinginto new bio-based products market between the imperatives of the Decadal Plan and the opportunities existing DSI funding instruments/initiatives, the DSI plans - Creating and supporting new business start-ups to exploit its internal funding instruments to maintain these linked to new biomass product opportunities. programmes.

The work of this cluster needs to be considered in relation to the other two RDI forums, to prevent duplication of RDI efforts.

In addressing RDI investment, a distinction is made between for funding at the proposed national STI plenary (a higha) ensuring current levels of investment is maintained and level inter-ministerial body for the identification of RDI b) securing new RDI investment. Deliverable 6 sets out the priorities). Another new RDI funding opportunity is the specific actions to be undertaken in support of ensuring establishment of a dedicated NRF Research chair for Timber continued funding support of existing RDI initiatives. This deliverable covers a number of existing projects, with the government or through co-funding arrangements between most pressing need being continued government funding university and industry (for example the sugar industry). for the Tree Protection Cooperative Programme (TPCP) at A business case should set out the various options and FABI. Without this funding, there is the risk of much-needed proposals to fund such a chair, which could help to secure scarce skills and expertise being lost and having a knockadditional dedicated government funding. on effort on pest and disease management. The possible consequences for the industry could be disastrous - it is Also included under deliverable 8 is the need for the estimated that industry loses approximately 11.5% of their revised THRIP guidelines to be published and for a forestry annual harvest to pests and diseases. In monetary terms, this stakeholder workshop to be convened to discuss the revised translates into R392 million of roundwood lost annually and guidelines. The THRIP programme was deemed to be a an additional opportunity cost of R2.05 billion in additional success in leveraging research funds from industry and it downstream processing. The problem is further exacerbated would therefore be important to have a full understanding of by the rising incidence of pests & diseases. With industry the amendments and how the forestry sector can continue already providing a disproportionate amount of funding to benefit from the THRIP funding The projects included towards this programme, the Master Plan engagements under this part of the Master Plan must identify (a) current underscored the imperative that the government increases areas of unnecessary duplication and (b) opportunities to its funding. Discussions with DEFF are underway around co-operate in project proposals, joint funding applications the outstanding MOU, but urgent clarity is required on the and execution of projects. next steps and timelines for resolving the funding for the TPCP. The finalisation of the MOU is also tracked as part of Table 9 provides a list of the RDI deliverables against the the PPGI process. success statements.

Deliverable 7 and 8 addresses the continued investment into RDI, some of it new funding but in other instances utilising existing instruments such as THRIP. Possible new sources of funding include the co-ordinated lobbying research. Research chairs are either funded directly by the

#### Table 9: Sub-focus areas for Research, Development, and Innovation (RDI)

Objective statements					
To strengthen and exp	pand RDI in the forestry sector				
Sub-focus area	Success statements	Deliverables			
Enabling government conditions in support of RDI		<b>Deliverable 1:</b> Government RDI Capacity strengthened and RDI included in budgets			
The state of RDI in Forestry in SA	Detailed and up-to-date report on the state (strengths, weaknesses, and opportunities) of Forestry RDI	<b>Deliverable 2:</b> Joint study undertaken on state of RDI in Forestry (Aug 2020-March 2021)			
The research and innovation agenda for Forestry	Co-constructed identification of RDI agenda for the sector with a view to greater coordination and	<b>Deliverable 3:</b> RDI priority setting undertaken related to solid wood processing			
	collaboration between academia, government, and industry	<b>Deliverable 4:</b> Primary R& D priority setting done through National Research Forum (this is an existing forum with all activities ongoing)			
		<b>Deliverable 5:</b> Forestry Cluster put in place to address upstream and downstream RDI activities (An expansion of the FMG cluster)			
Investment into RDI (Public &	Current levels of investment in existing RDI initiatives are maintained (as a minimum)	Deliverable 6: Advocate and lobby for continuation of existi RDI projects coming to an end.			
Private)		Project 1: Funding for the Tree Protection Cooperative Programme at FABI (DEFF portion) (FSA, DEFF and UP) DSI Projects			
		Project 2: Sector Innovation Fund (DSI: Sector and Local Innovation)			
		Project 3: Forestry Cluster (expansion of current FMG programme) (DSI-TIA)			
		Project 4: Biorefinery consortium (DSI Industrial Bioeconomy Directorate)			
		<ul> <li>In conjunction with the development of the decadal plan, lobby for continued funding</li> </ul>			
	New investments in Forestry RDI are secured (ideal)	<b>Deliverable 7:</b> Advocacy and lobbying for additional investment to national bodies, e.g. National STI plenary (probably only functional in 2021)			
		Deliverable 8: Investigation into new RDI funding opportunities			

#### Skills and Human Resource Development

There are several sub-focus areas. Firstly, the retention of high level managerial and research skills and clear career paths and training programmes for lesser skilled workers to fill higher level positions will be addressed through two studies that cover a skills audit to determine the critical skills gaps (Deliverable 1); and a current PhD Tracer study that CREST is conducting (under commission by the Water Research Commission and the Department of Science and Innovation) (Deliverable 2). This study will produce findings related to the employment profiles and career trajectories of Forestry graduates as well as the main causes for the loss of highly skilled individuals to the sector. These studies will also determine which positions in the sector may become redundant in future to allow the sector to start to re-skill workers occupying those positions.

The findings and recommendations from these studies will then be utilised to implement projects and programmes to address the skills and human resource gaps (Deliverable 3).

A critical skill shortage exists amongst landowners (from community to SMMEs and small growers) - in the primary sector and among small sawmillers, technical, entrepreneurial and financial skills. Short courses will be the starting point. A forum is proposed (Deliverable 4) to ensure the many relevant stakeholders convene regularly to the skills issues.

In support of promoting a wood culture (see Focus area 3), there is a focus on training built environment professionals, starting with an established project for architects. This project has two objectives:

- i) to educate architects in the use of wood as a construction material through online CPD accredited courses on wood as a material, wood products, and wood construction;
- ii) to develop a South African wood website where the necessary information can be disseminated. It is also envisaged that other professionals in the building sector,

tradespeople and the public will utilise the online courses may be unavoidable, the sector should plan for them to and the wood website. Nelson Mandela University make sure workers, their families and communities are not provides several courses aimed at expanding artisanal negatively affected. Following the skills audit (Deliverable 3), skills. plans will need to be introduced for career paths, training and re-skilling of workers as well as exploring other means The Forestry sector, like many others in the economy, is to prevent large scale job losses or compensate for those whose jobs have been lost.

being and will be affected by technological advancements which could lead to job losses. While some of these changes

#### Table 10: Sub-focus area for Human Resource Development and Skills

Objective statements	:	
To develop, retain and	d expand skills for the Forestry sector	
Sub-focus area	Success statements	Deliverables
Retention of high level managerial and research skills	Scarce skills gaps identified and addressed through critical interventions Increased retention of graduates for the industry, government, and academia	<ul> <li>Deliverable 1. Skills audit done to determine skills gaps as well as redundant skills in processing and primary sector</li> <li>Deliverable 2. CREST Tracer study done to establish the employment-trajectories for Forestry graduates (September 2020-March 2021)</li> <li>Deliverable 3. Projects and Programmes implemented in response to skills audit and tracer study (Including career pathing, training and re-skilling of workers)</li> </ul>
Skills: Landowners	New (beneficiaries) and existing landowners (community, micro, small growers) equipped with financial, entrepreneurial, and technical skills (including fire protection) New (beneficiaries) and existing landowners have	<b>Deliverable 4.</b> Skills forum/committee established to drive the development and delivery of short courses for landowners, SMME contractors and small sawmillers.
Skills: SMME Contractors	access to mentoring support following training SMME contractors equipped with financial and entrepreneurial skills	-
	SMME contractors have access to mentoring support following training	
Skills: Small Processors	Small sawmillers equipped with business acumen skills and technical skills	-
	Small sawmillers have access to mentoring support following training	
Skills: Built environment	160 architects capacitated in the use of wood as a construction material per year (from year 2)	<b>Deliverable 5:</b> Built environment professionals capacitated (July 2020-June 2023)
DEFF Capacity	Sufficient skilled capacity assigned by DEFF to ensure Master Plan is successfully supported	DEFF capacity building in support of Master Plan projects

#### FOCUS AREA 6: Key Inhibitors

- A variety of inhibitors facing the forestry sector emerged in both the research and stakeholder engagements. These included environmental authorisations such as EIAs, water use licensing and genus exchange as well as the diesel refund, all of which are being addressed in the PPGI process. The overall objective of Focus area 6 is to create an enabling environment for the Forestry sector, with the following included in the Master Plan.
- Water: Plantation forestry is recognised as a stream flow reduction activity and therefore requires a water use licence (WUL) to operate lawfully in South Africa. The license application process is an 11-step process that involves approximately 50 activities as well as the involvement of different departments at national and provincial level. Through the PPGI process, significant progress has been made with agreement reached for a new, more streamlined template to be utilised from 1 April 2020. As a first deliverable, the WUL licences issued between 1998 and 1 April 2020 will be amended to ensure that they are consistent with the contents of the new WUL.
- Genus Exchange Legislation: In 2016, the Department of Water and Sanitation (DWS) published draft regulations to regulate the exchange in general planted areas between the use of pine and Eucalyptus. The industry contested these regulations, arguing that the Department had miscalculated the water use differential between the two genera and that there appeared to be no basis for differentiating the amount of water use between pine spp. and Eucalyptus spp. when exchanging genera. The forestry industry wishes to have the flexibility to change between genuses depending on market dynamics, but DWS maintains that the current conditions of the WUL/ permits will be enforced or a reduced planting area when moving to Eucalyptus will apply. FSA is initiating legal action to challenge this, and therefore deliverable 2 reflects the resolution of the Genus Exchange court case.
- Diesel refund: In 2016, The South African Revenue Services (SARS) called for comments on the then current diesel refund system. In February 2017, SARS and the National Treasury jointly produced a discussion document in which they detailed proposed changes to the current refund system. Certain forestry activities were excluded from the proposed new refund system which would impact negatively on competitiveness of the industry and cost the industry tens of millions of Rands per year. Several submissions have been made to SARS, but no response or timeline for conclusion of this issue have been provided. Deliverable 3 addresses this by ensuring continued efforts to obtain a response from

SARS. The SARS response will determine the next steps to be taken.

- Ports: The South African ports are a vital component of the South African forestry value chain. Industry engagements highlighted challenges around efficiencies, specifically the risk of product contamination and lack of maintenance of the conveyor route and ship loader as well as lengthy vessel turnaround times. In terms of cost, the National Ports Authority's (NPA's) below inflation tariff increase is seen as a positive step, but there is a lack of clarity on the composition of the Port Terminal Tariff which needs to be addressed. Several deliverables will be implemented to address these issues: firstly, guarterly industry forums are convened where the maintenance of Port terminal equipment and performance of the conveyor route and ship loader are discussed (deliverable 4). Secondly, turnaround times will be improved through the implementation of a productivity tariff (deliverable 5) that links the tariff to the performance of the Port terminal and wood chip companies. Thirdly, tariff negotiations, backed by a benchmarking study, will be undertaken (deliverable 6).
- Road and rail: Transportation costs are equivalent to approximately 50% of timber grower's operational costs (South Consulting, 2015). In South Africa, the only two modes of transport available to move the timber off the plantation are road or rail. Rail volumes significantly decreased between 2005 and 2010 following more than a 191% increase in rail tariffs. Coupled with issues around efficiency and reliability of the rail network, competitiveness of South African exporters is severely compromised. Deliverable 7a and 7b captures the solutions proposed by industry to address these concerns: No new projects were proposed - instead, the request is to ensure greater strategic alignment between industry and Transnet Freight. The lack of alignment results in great inefficiencies as industry is unable to plan sufficiently, which impacts on industry's ability and willingness to invest in rail infrastructure. The industry platform (by means of the existing FSA transport committee) will feed into the proposed "One Stop Shop", to be established by Transnet Freight. The One Stop Shop will ensure all relevant parties come together to address industry concerns. In terms of roads: overloading is one of the key contributors to road damage. Deteriorated road infrastructure in turn has cost implication to vehicles operating on such roads. The timber industry is part of a collaborative effort between industries (sugar and timber) and the Department of Transport to self-regulate the incidence of overloading within the respective industries and thereby improve efficiencies, fulfil good governance responsibilities and unlock possible Government concessions. However, these new

technology performance-based trucks (PBS) fall outside of the legislated specifications of the Department of Transport, thus requiring an abnormal load permit to be issued. The PBS trucks need to be incorporated into the road transport regulations to reduce the process required for PBS truck use (Deliverable 8).

• Environmental Impact Assessments (EIAs): The current EIA process is complex, takes much time and is expensive. For large commercial undertakings and development, the EIA process is valid in ensuring that all environmental aspects are considered. However, for small developments, such as community plantation projects,

#### Table 11: Sub-focus areas for Key Inhibitors

Sub-focus area	Success statements	Deliverables
Water	Water use licences issued between 1998 and 1 April 2020 are revised to reflect the provisions of the new WUL process	<b>Deliverable 1:</b> Licenses amended that were issued between 1998 and 01 April 2020 (PPGI Initiative)
Genus Exchange	Genus Exchange Regulations permit a 1:1 exchange when converting from one genus to another (specifically to Eucalyptus on forest land)	<b>Deliverable 2:</b> Genus Exchange regulations resolved after court case (this also applies to the definition of existing lawful water)
Diesel refund	Agreement reached that forestry activities will not be excluded from the Diesel refund system	Deliverable 3: Response obtained on diesel refund
Ports	Reduced risk of product (chip) contamination at Richards Bay port due to multiple users of the conveyor systems	<b>Deliverable 4:</b> Continued monitoring of the performance of the conveyor system through quarterly industry forums
	TNPA and TPT have improved turnaround times for loading ships	<b>Deliverable 5:</b> Productivity tariff implemented from April 2020 whereby performance of port is linked to the tariff
	Lower loading costs negotiated for vessel loading function	Deliverable 6: Terminal Tariff cost issues addressed
Road & Rail	<ul> <li>Greater strategic alignment between Industry and Transnet Freight, as well as active resolution of rail related issues through the one stop shop. This can include, but is not limited to:</li> <li>Industry having access to maintenance and shutdown plans</li> <li>Finding solutions to provinces' dealing with rail infrastructure in different ways</li> <li>Transnet Freight improves reliability in collecting from depots/ Greater adherence to delivery schedules</li> <li>Transnet Freight sharing investment/other plans that address capacity constraints and timeframes</li> <li>Agreement reached between industry and Transnet Freight around rail costs for multiple years</li> <li>Transnet Freight making available committed infrastructure investment and maintenance plans to industry timeously</li> <li>Funding/commitment obtained to improve and maintain rail infrastructure on critical routes</li> <li>Consideration of PPP options for key lines, as a component of infrastructure investment</li> <li>Re-open applicable branch lines that have been closed down</li> </ul>	<ul> <li>Deliverable 7a. Consolidate industry rail issues for escalation to Transnet Freight</li> <li>Deliverable 7b. Set up One Stop Shop at Transnet to enable strategic alignment between government &amp; industry on rail issues</li> </ul>
	PBS Integrated into the National Transport framework	<b>Deliverable 8:</b> Integration of PBS into National Transpor Framework
EIAs	<ul> <li>EIA processes are optimised to ensure a simpler and quicker EIA process. This includes:</li> <li>i. A strategic environmental assessment is commissioned by DEFF to cover community land identified for afforestation in the E Cape</li> <li>ii. The screening and scoping components are optimised for rural community forestry land use</li> <li>iii. Finalising outstanding EIAs of communally owned land</li> </ul>	<b>Deliverable 9a.</b> Existing outstanding EIAs finalised <b>Deliverable 9b.</b> Engage Environmental Directorate on optimised processes to make the system more effective for small growers and communities

this becomes a major stumbling block to the community realising their lands potential. Fortunately, options exist for a more effective environmental authorisation process. Deliverable 9a deals with the finalisation of existing EIAs, while deliverable 9b proposes the development of a more streamlined approach appropriate to the scale of the development. This will make it more affordable for communities and ensure the processes are completed within a time scale that does not discourage them from planting. It is proposed that the Forestry branch in DEFF engage more intimately with the Environmental branch on this matter.



# (4) Conclusion

The Forestry Sector Master Plan is one of a number that emerged from a call for action by President Cyril Ramaphosa to stimulate the economy. At the start of the new term of office, the President prioritised investment and more effective implementation of plans to support growth and jobs.

This Master Plan is a high-level action plan, that nevertheless provides detailed implementation and Monitoring and Evaluation (M&E) plans. As such, it provides a solid basis from which delivery can proceed. That said, it is important to take cognisance of the 90-10 principle in the public sector – policy invariably takes 90% of the effort, leaving just 10% for delivery, when the division of effort needs to be the other way round. While action-orientated, the Master Plan is still a plan, and constitutes just 10 percent of what needs to be done – provision still needs to be made for 90% of effort and resources for implementation.

Therefore, leadership and associated governance structures are a critical component of ensuring effective results and delivery. But more than that, those charged with oversight, tracking of progress and implementation need to be adequately capacitated and resourced. This is particularly important for DEFF, which as the overall lead department, has significant co-ordinating, convening and implementation responsibilities. Therefore, Annexure C, which addresses the institutional requirements is a fundamental accompaniment to the Master Plan that needs to be actioned as soon as possible. Successful delivery of the Master Plan also requires sufficient budget commitments from the government and business in particular, in a time of severe financial constraints in a post-COVID-19 environment. This too will need to be addressed going forward.



# Implementation plan

#### Notes to Implementation plan

- 1. Priority rating for Focus Area 1 done on the basis of the 6. A specific date in the "Timeline" column constitutes the sub focus area. For all the other focus areas, priority rating is done at the deliverable level.
- 2. High level actions have been developed for most 7. Lead organisation is responsible for the deliverable/ deliverables. The lead organisation and support action – this does not mean all the work is done by the organisations are provided per action. Where deliverable lead organisation. The lead organisation must convene statements, lead and support organisations have been meetings with support organisations and coordinate the provided at deliverable level. various organisations' inputs.
- 3. Some deliverables stretch across more than one focus area. This has been indicated in brackets.
- 4. The PPGI related deliverables have been clearly indicated.
- 5. Where possible, the objective statements have been made more specific (to include targets and dates).

GOAL STATEMENT: To increase investment and competitiveness, underpinned by greater inclusivity in the Forestry sector

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	Lead Organisation	Support Organisations													
FOCUS AREA 1:	To establish 151 000 ha of	Productive new plantations		Deliverable 1:Parcels of land prioritised in terms of readiness to bring into production		Ì														
Expanded Forestry Resource: <b>New</b>	productive new plantations in Eastern Cape, Limpopo,	are established in the Eastern Cape and KwaZulu-Natal		i. Confirm land prioritisation considering relevant factors and possible strategic partners	Year 1	DEFF	Selected strategic partners													
Afforestation	Mpumalanga and KwaZulu-			Deliverable 2: Business models agreed by communities most suited to plantation development																
	Natal by 2026			i. Finalise the various business models	Year 1	DEFF														
					ii. Identify possible assumed ownership situations and initiate process to address	Year 2	DEFF													
				Deliverable 3: Funding/investment secured for project development and project implementation (see Focus area 2, blended finance instrument)																
				i. Finalise various funding instruments	Year 1	DEFF	the dtic, IDC, Selected strategic partners													
				Deliverable 4: All authorisations in place (e.g. WUL and EIAs)																
				i. Ensure finalisation of new afforestation WUL and EIAs currently in process (see Focus area 6 for deliverables linked to a more optimised process)	Year 1	DEFF	DWS													
				Deliverable 5: Extension services provided																
				i. Capacitate DEFF to facilitate provision of extension services	Year 1	DEFF														
				ii. Conclude partnership agreements between forestry companies, private sector experts and DEFF to provide extension services	Year 1-onwards	DEFF	Forestry companies, private sector exper													
				iii. Provide extension services	Year 2-onwards	DEFF/Strategic partner	Forestry companies, private sector exper													
													1				Deliverable 6: Confirmation of new afforestation targets – to include land and water availability			
											i. Undertake audit/study to determine land and water availability for New Afforestation as per the PPGI target areas of 151k, while continuing to process new licence applications	Year 1	DWS/DALRRD	DEFF, FSA						
OCUS AREA 1:	To return 68 820 of DEFF	DEFF owned plantations (B&C and EXIT) are returned to being productive assets	and EXIT) are returned to being		Deliverable 7: Plantations parcelled into logical forest management units (FMUs)															
Expanded Forestry Resource: <b>State-</b>	owned plantations (B&C and			, , ,		i. Parcel plantations into FMUs	Year 1	DEFF	Selected strategic partners											
owned plantations	EXIT) into production by 2026				ii. Identify FMUs to prioritise for business development	Year 1	DEFF	Selected strategic partners, IDC												
					Plantations with no land land claims															
				Deliverable 8: Management models finalised for recapitalisation of its plantations	Year 1	DEFF	Forestry SA, CEPPWAWU, SACTWU													
				Deliverable 9: Expressions of Interest issued for B&C and Exit plantations																
				i. Identify possible assumed ownership situations and initiate process to address	Year 1	DEFF														
				ii. Issue expressions of interest for the prioritised plantations	Year 1	DEFF														
				iii. Conclude agreements																
				Deliverable 10: Access to grant and soft loan funding facilitated to strengthen community participation in recapitalisation process (see blended finance instrument, Focus area 2)	Year 1	DEFF	Selected strategic partners, IDC													
				Deliverable 11: Extension services provided by strategic partners																
				i. Conduct PRA process to determine extension services required	Year 2	Strategic partner														
				ii. Provide extension services	Year 2-onwards	Strategic partner														
				Plantations with land claims																
				Deliverable 12: Business models agreed by communities most suited to plantation development																
				i. Conduct PRA process to guide the outcomes for the selected business model	Year 1	DEFF	CEPPWAWU, SACTWU													
				ii. Finalise the various business models	Year 1	DEFF	Forestry SA, CEPPWAWU, SACTWU													
				Deliverable 13: Land claims finalised																
				i. Finalise land claims	Year 1	DALRRD	Land Claims Commission, DEFF, CEPPWAWU, SACTWU													



due date, or range within which the deliverable/actions should be completed.

Year 1	Oct 2020 – Sept 2021	
Year 2	Oct 2021- Sept 2022	
Year 3	Oct 2022 – Sept 2023	
Year 4	Oct 2023 – Sept 2024	
Year 5	Oct 2025 – Sept 2026	

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	Lead Organisation	Support Organisations								
				Deliverable 14: Access to grant and soft loan funding facilitated to strengthen community participation in recapitalisation process (see blended finance instrument, Focus area 2)	Year 1	DEFF									
				Deliverable 15: Extension services provided											
				i. Capacitate DEFF to facilitate provision of extension services	Year 1-2	DEFF									
				ii. Conclude partnership agreements between forestry companies, private sector experts and DEFF to provide extension services	Year 1-onwards	DEFF	Forestry companies, private sector exper								
				ii. Provide extension services	Year 2-onwards	DEFF	Forestry companies, private sector exper								
DCUS AREA 1:							Forestry companies, private sector exper								
xpanded Forestry esource: <b>State-</b>				Deliverable 16: DEFF capacity building and structural changes instituted to support increases in primary resource (also listed in Skills Focus area 5b)											
vned & New				i. Undertake a review process in DEFF to determine current human resource capacity and competence	Year 1	DEFF									
forestation				ii. Institute the required organisational change following the review	Year 2	DEFF									
				iii. Reallocate budget to provide extension and enabling services once DEFF plantation ownership is transferred	Year 2-onwards	DEFF									
				Deliverable 17: PRA process implemented for all plantation developments that ideally incorporate the valuation of community/ plantation assets (e.g. the ABCD model)											
				i. Execute the PRA process for all plantation developments	Year 1	DEFF/Selected Strategic partner									
				ii. Integrate tools such as ABCD model into PRA process to enable leveraging of community assets	Year 1	DEFF/Selected Strategic partner									
				Deliverable 18: Communities provided with expert services in establishing governance and business structures											
				i. Compile list of expert services required by communities	Year 1	DEFF/Strategic partner									
				ii. Source and deploy experts to provide needed advice (as determined by the specific needs of each community during PRA process)	Year 2-onwards	DEFF/Strategic partner									
OCUS AREA 1: xpanded Forestry	To return 13800 ha of KZN pest affected areas into production			Deliverable 19: Funding support obtained for small growers as committed through the World Forestry Congress Legacy project (Also see Deliverable 14 – COVID-19 Response)											
lesource: KZN pest	by 2026			i. Investigate different sources of funding for communities investigated and finalise available options	Year 1	DEFF	Forestry SA								
ffected areas					Year 1 and Year 2	DEFF	Forestry SA								
	T			ii. Disburse funding to small growers for reforrestation purposes	rear i and rear 2										
OCUS AREA 1: xpanded Forestry	To return 17600 ha of WC fire affected areas into production			Deliverable 20: Funding efforts coordinated to enable replanting of WC fire affected areas											
ffected areas in the vestern Cape	by 2026			i. Develop a process to determine funding options available and facilitate the flow of funding	Year 1	DEFF	Various impacted landowners								
OCUS AREA 1:	To reduce the annual losses	Effective border control and		Deliverable 1: Bilateral agreements with the neighbouring countries revitalised											
laintenance of prestry resource:	from pests & diseases	quarantine mechanisms put in place to prevent the		i. Escalate the implementation/honoring of bilateral agreements to SADC oversight body	Year 1	Natl Forest Pests & Disease	SADC Regional FLEGT Programme								
ests & Disease		establishment and spread of pests & diseases		ii. Finalise outstanding bilateral agreements	Year 1	Committee through DEFF Natl Forest Pests & Disease	SADC Regional FLEGT Programme								
												iii. Activate the existing task team to drive implementation of bilateral agreements	Year 1-2	Committee through DEFF Natl Forest Pests & Disease	
				iv. Liaise with Dept of of Home Affairs to ensure alignment with the centralised Border Management authority	Year 2	Committee through DEFF Natl Forest Pests & Disease	Dept of Home Affairs								
						Committee through DEFF									
		Disaster relief funding available for pests & disease outbreaks		Deliverable 2: Forestry disaster relief funding made available to deal with pests & disease											
		To pests a disease outbreaks		i. Develop a disaster management plan that includes pests & diseases	Year 1	Natl Forest Pests & Disease Committee through DEFF	COGTA								
				ii. Put processes in place to access disaster funds available from CoGTA	Year 2	Natl Forest Pests & Disease Committee through DEFF	COGTA								
		The National Forest Act amended to incorporate the		Deliverable 3: National Pest & Disease Committee recognised as an Advisory body, with a clear ToR developed	Year 1	Natl Forest Pests & Disease Committee through DEFF	Forestry SA, FABI								
		establishment of a National		i. Amend NFA to allow for the legal establishment of the Nat. Pest and Disease advisory body	Year 1	DEFF									
		Pest & Disease Advisory body		ii. Officially constitute the National Pests and Disease Committee according to the revised NFA, and develop Terms of reference	Year 1	Natl Forest Pests & Disease Committee through DEFF	Forestry SA, FABI								
		i. A user-friendly, easily		Deliverable 4: Biosecurity digital platform developed and maintained that will benefit multiple sectors											
		accessible biosecurity		i. Identify champion to lead the development of this resource	Year 1	Forestry SA	FABI. DEFF. DALRRD								
		digital platform built and maintained		ii. Develop profile of existing pest and disease management data	Year 2	FABI	Forestry SA, DEFF								
		ii. Use of data to enable		iii. Conclude agreements with all relevant stakeholders around the sharing of data	Year 2	Forestry SA	FABI, DEFF, DALRRD								
		appropriate risk		iv. Develop a centralised platform where all data will be stored	Year 2	FABI	Forestry SA, DEFF, DALRRD								
		assessment and management		v. Undertake monitoring for pests & diseases and record outbreaks	Year 3-5	FABI	Forestry SA								
		Capacity constraints are		Deliverable 5: Capacity constraints in implementing pest & disease management addressed, specifically in Plant Health Unit											
		addressed through the appointment of staff in the		(DALRRD) and inspection services (bio control agents)	Veer 1										
		Plant Health Directorate		i. Document capacity shortages and make available required budget	Year 1	[DALRRD]	DEFF, FSA								
		(including inspection services)		ii. Undertake recruitment process to employ/source the required capacity	Year 2	[DALRRD]	DEFF, FSA								
				Secure capacity and expertise through support of existing pests & disease management (Covered by RDI focus area)											
				i. Ensure the finalisation of FSA/DEFF/UP MOU (PPGI)	Year 1	DEFF	FSA, FABI-UP								

ocus area	Objective statements	Success statements	Priority rating		Timeline	Lead Organisation	Support Organisations							
US AREA 1:	To reduce the annual losses	Targeted FPAs provided	rating	Deliverable Statements & High level actions Deliverable 6: Support provided to Fire Protection Associations (FPAs)		Loud organisation	Support organisations							
aintenance of from fires prestry resource: <b>Fire</b>		with the required support to continue operations		i. Identify forestry growth areas, and the accompanying FPAs that require support	Year 1	National Fire Advisory Forum through DEFF	Forestry SA, FPAs, COGTA							
				ii. Based on funding available, execute the roll out of financial support to the prioritised FPAs	Year 1	National Fire Advisory Forum through DEFF	Forestry SA, FPAs							
				iii. Undertake proper assessment of FPAs to identify non-functional FPAs	Year 2	National Fire Advisory Forum through DEFF	Forestry SA							
				iv. Develop strategies to support FPAs	Year 2	National Fire Advisory Forum through DEFF	Forestry SA							
				v. Roll out support strategies	Year 3-5	National Fire Advisory Forum through DEFF	Forestry SA							
		Conflicts in legislation addressed		Deliverable 7: Conflicting legislation in NVFF, the Fire Brigade Services Act and the Municipal Structures Act reviewed and aligned										
				i. Establish a colloquium	Year 1	National Fire Advisory Forum through DEFF	SALGA, COGTA, Forestry SA							
				ii. Map out areas of conflict drawing on existing documents/blueprints that have been developed	Year 1	National Fire Advisory Forum through DEFF	Forestry SA							
				iii. Take action to address conflicting legislation	Year 2	National Fire Advisory Forum through DEFF								
		Finalisation of NVFF Act		Deliverable 8: Amendments to NVFF Act reviewed and signed off										
		Amendments		i. Get amendments signed off and gazetted	Year 1	National Fire Advisory Forum through DEFF								
				ii. Formulate regulations to correspond to legislation	Year 2	National Fire Advisory Forum through DEFF								
		Organisational mandates clarified to ensure efficient management of fire prevention strategies/functions		Deliverable 9: Alignment/clarification of different organisational mandates – DEFF (Forestry Branch) vs WoF vs Disaster Management vs Municipalities										
				i. Review organisational mandates of DEFF, WoF and Disaster Management vs Municipalities	Year 1	National Fire Advisory Forum through DEFF								
				ii. Communicate the newly aligned structures and mandates to all relevant stakeholders	Year 1	National Fire Advisory Forum through DEFF								
		Municipal Chief Fire Officers capacitated to fulfil their role as Fire Protection Officers		Deliverable 10: Chief Fire Officers capacitated to fulfil their legislated roles (including delegating the necessary powers to FPAs)										
				i. Determine the capacity constraints of CFOs	Year 1	National Fire Advisory Forum through DEFF								
												ii. Develop a capacity building plan and set aside budget to address the capacity constraints	Year 1	National Fire Advisory Forum through DEFF
				iii. Train CFOs on their legislated role	Year 1	National Fire Advisory Forum through DEFF								
		The National Veld and Forest Fire Amendment Bill		Deliverable 11: Fire protection management structures formalised with clear Terms of Reference developed										
		amended to incorporate the establishment of a National		i. Amend NFA to allow for the legal establishment of the Nat. Fire Advisory Committee	Year 1	National Fire Advisory Forum through DEFF								
		Fire Protection Advisory body		ii. Officially constitute the National Fire Advisory Committee according to the revised NFA, and develop Terms of reference	Year 1	National Fire Advisory Forum through DEFF								
		Improved access to weather data		Deliverable 12: A weather data and national Fire Danger Rating programme implemented										
		data		i. Develop the system requirements for the weather database and National Fire Danger Rating programme	Year 1	National Fire Advisory Forum through DEFF								
				ii. Obtain funding for the weather database and National Fire Danger rating programme	Year 1	National Fire Advisory Forum through DEFF								
				iii. Develop the weather database and National Fire Danger Rating programme	Year 2 onwards	National Fire Advisory Forum through DEFF								
		i. Greater awareness and information sharing among		Deliverable 13: A centralised national fire database to better manage fire outbreaks developed and maintained										
		the general public in terms of high-risk fire area		i. Develop a proposal for the National Fire database and secure funding	Year 1	National Fire Advisory Forum through DEFF	COGTA							
		ii. Utilisation of the data by various stakeholders to		ii. Develop a National fire database in conjunction with all relevant stakeholders	Year 2	National Fire Advisory Forum through DEFF	COGTA							
		ensure greater efficiencies in the deployment of fire resources		iii. Develop and implement a general public awareness and education campaign	Year 2-3	National Fire Advisory Forum through DEFF	COGTA							
				iv. Put in place systems and process to ensure the use of the data	Year 2-5	National Fire Advisory Forum through DEFF	COGTA							
				Greater support for Fire R&D and Research Capacity (Covered by RDI Forums – Focus area 5a)										
CUS AREA 1: VID-19 Response – ort term	To increase social employment	Job creation		Deliverable 14: Joint proposal developed containing delivery ready projects	Year 1	DEFF, FSA, PAMSA, IDC								



Focus area	Objective statements	Success statements	Priority rating		Timeline	Lead Organisation	Support Organisations							
FOCUS AREA 1:	To improve food security of	i. Wider adoption of		Deliverable 15: Implementation/wider adoption of Agroforestry										
COVID-19 Response –	community growers	agroforestry by small		i. Document and synthesise findings from Agroforestry projects and pilots currently underway	Year 1	DEFF	ARC, SAFCOL, MTO, UKZN, UP, FSA							
short to medium term		growers/community growers ii. Improved food security		ii. Develop Agroforestry guidelines/information pack capturing different agroforestry configurations (also consider inclusion of Agroforestry in greenfields projects)	Year 1	DEFF	ARC, SAFCOL, MTO, UKZN, UP, FSA, DV							
				iii. Distribute the information to small growers/community growers	Year 2	DEFF	Forestry SA							
				iv. Engage with corporate timber growers to allow neighbouring small scale growers to grow other crops on their land (specifically intercropping)	Year 2	DEFF	Forestry SA, Industry, DWS							
			v. Provide training and extension services to small growers/community growers on agroforestry practices	Year 2 – Year 5	DEFF	Forestry SA, DALRRD								
				Note: funding dealt with through Blended finance instrument (Focus area 2: Deliverable 4&5)										
FOCUS AREA 2:	i. To increase community	i. Outstanding land claims		Deliverable 1: Land claims expedited (particularly those close to finalisation)										
Transformation: Land claims & post	ownership and economic benefits related to	finalised within agreed timeframes		i. Convene a quarterly national-level forum to deal with land claims issues	Year 1	DALRRD (LCC)	DEFF, CEPPWAWU, SACTWU							
settlement support	plantation activities	ii. A post-settlement support		ii. Obtain details of outstanding land claims related to state owned plantations (B&C) and afforestation	Year 1	DEFF and Forestry SA	DALRRD (LCC)							
	ii. To expand community and black business	package is in place		iii. Identify those plantations/land parcels well positioned for early plantation development	Year 1	DEFF and Forestry SA	IDC, Rural development Agencies, CEPPWAWU, SACTWU							
	opportunities with improved commercial			iv. For those with land claims close to finalisation, expedite the land claims	Year 1-2	DALRRD (LCC)	DEFF, CEPPWAWU, SACTWU							
	viability			v. Institute a process of community-owned plantation development as per Focus area 1	Year 2-5	DEFF	IDC, Rural development Agencies, SEDA, CEPPWAWU, SACTWU							
				Deliverable 2: Enable plantation development while land claims are in process										
											i. Identify those plantations well-positioned for early development, but which are still in the land claim process	Year 1	DEFF and Forestry SA	DALRRD (LCC), CEPPWAWU, SACTWU
				ii. Enable alternative arrangements to allow for plantation development while land claims are being expedited (e.g. lease agreements)	Year 1-2	DEFF, DALRRD (LCC)								
				iii. Institute a process of plantation development with community claimants as per focus area 1	Year 2-5	DEFF, DALRRD (LCC)	IDC, Rural Development Agencies, SEDA CEPPWAWU, SACTWU							
				Deliverable 3: Provision of Post-settlement support										
				i. Conclude MOU to clarify post settlement roles and responsibilities, as referred in the Forestry Sector Charter	Year 1	DEFF and Forestry SA	DALRRD							
									ii. DALRRD's Kaapsehoop pilot on post settlement models to include DEFF	Year 1	DALRRD	DEFF		
				iii. DEFF and DALRRD agree the post-settlement support package and budget transfers, if relevant	Year 1	DEFF and DALRRD	DALRRD							
FOCUS AREA 2:		A blended finance instrument	A blended finance instrument		Deliverable 4: A blended finance instrument instituted									
Transformation: Blended Finance Instrument		accessed by Forestry Sector		i. Government and Industry agree that DEFF formally requests <b>the dtic</b> and IDC to develop the funding options and make recommendations	Year 1	DEFF and Forestry SA	the dtic, IDC, SSA							
instrument				ii. Establish a funding committee (consisting of industry and government) to set the terms of reference for the proposal and to make the final recommendation on the implementation of the instrument	Year 1	DEFF and Forestry SA	the dtic, IDC, SSA							
				iii. Implement agreed proposal	Year 2-4	DEFF and Forestry SA	the dtic, IDC. SSA							
				Deliverable 5: Funding information resource developed that include grant and soft funding schemes										
				i. Identify grant and soft funding providers available to the forestry sector	Year 1	DEFF	the dtic, IDC, SEDA, FSA, SSA							
				ii. Develop an information resource on grant and soft funding schemes available to all stakeholders in the sector (and not just those who are utilising the funding instrument)	Year 1	DEFF	the dtic, IDC, SEDA, FSA, SSA							
FOCUS AREA 2: Transformation:		Advisory support programmes are available to community-		Deliverable 6: Business related advisory support programmes established for forestry sector enterprises across the value chain										
Community and small enterprise advisory support		based and small enterprises across the value chain (excluding extension services		i. Identify business and advisory support programmes offered by government/NGOs suitable for the forestry sector (e.g. SEDA)	Year 1	DEFF	the dtic, SEDA,FSA, Rural Development Agencies							
		dealt with in Focus Area 1)		ii. Engage these programme managers to ensure effective responsiveness to forestry sector	Year 1-2	DEFF	the dtic,FSA, SSA							
				iii. Develop and distribute communications materials to inform the forestry sector enterprises how to access the available support	Year 2 -5	DEFF, the dtic	FSA, SSA							
				Deliverable 7: Governance related advisory support established for communities (where this is not part of the PRA process cited in Focus Area 1)										
				i. Develop a toolkit to clearly explain the purpose and all the elements for effective governance of community assets	Year 1	DEFF	SEDA, Rural Development Agencies							
				ii. Establish a panel of advisory support service providers that provides community governance support	Year 2 -5	DEFF	SEDA, Rural Development Agencies							
FOCUS AREA 2:		Increased certification of small-		Deliverable 8: Small growers supported with the process to achieve forest management certification										
Transformation: Small		scale timber growers to ensure market access and premium		i. Implement the strategic industry partner's certification scheme for their small growers	Year 1	DEFF and Forestry SA	SEDA							
grower certification		prices for timber products		ii. For small growers not linked to an industry partner: Provide small growers with certification support	Year 2-5	DEFF	SEDA, FSC							

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	Lead Organisation	Support Organisations							
FOCUS AREA 3: Processing: Promotion of timber in	To improve the uptake of the use of timber in the built environment	Increased use of timber and engineered timber products in the South African Built		Deliverable 1: A variety of interventions implemented in support of timber and engineered timber in the built enviroment (Including medium and high-rise buildings and products like Cross laminated Timber(CLT), Oriented Strength Board (OSB), Laminated Veneer Lumber and Glulam (Glued Laminated Timber)										
construction		Environment		i. Develop a joint strategic implementation plan that addresses the use of timber and engineered timber products in the built environment.	Year 1 – ongoing	the dtic, SSA	SAWPA, ITC, NHBRC, <b>the dtic</b> , DPE, DHS DPW, DOH, CEPPWAWU, SACTWU							
				ii. Develop an education and awareness program that addresses the myths about timber structures.	Year 2 – ongoing	the dtic, SSA	SAWPA, ITC, NHBRC, <b>the dtic</b> , DPE, DHS DPW, DOH							
				iii. Develop the industrial capability to produce the engineered timber that includes locally designed and produced CLT, LVL or OSB. (See Focus areas 5a: RDI priorities - Deliverable 3)	Year 1 - ongoing									
				iv. Sawmilling industry to diversify product offering and value addition to match construction industry requirements	Year 1 – ongoing	the dtic, SSA								
				v. Develop training programmes that are aimed at training the design, construction and installation of timber buildings – engineers, architects, carpenters, artisans and installer/erectors (See Focus area 5b: HRD and Skills – Deliverable 5)	Year 1 - ongoing	the dtic, SSA	SAWPA, ITC, NHBRC, <b>the dtic</b> , DPE, DHS DPW, DOH and DHE							
				vi. Define the research agenda for engineered timber products for South Africa (See RDI Focus area 5a - Deliverable 3)	Year 1 – ongoing	the dtic	DSI, SSA, SAWPA, ITC, NHBRC							
		Increased use of timber and		Deliverable 2: Designation of Timber for construction and Timber for Housing										
		engineered timber products in the government and state-		i. Designate the timber material for use in the built environment and timber structures in government and state-owned entities.	Year 2	the dtic, National Treasury	SSA, SABS, NHBRC, NRCS							
		owned entities		ii. Ensure that standards for timber construction are updated, developed and enforced	Year 2 onwards	the dtic	SSA, SABS, NHBRC, NRCS							
FOCUS AREA 3:	To improve access to	Increased uptake of the		Deliverable 4: Enabling better uptake of Government Incentives										
Processing: Funding/	industrial funding to drive	APSS which funds the		i. Undertake a review to determine low uptake of APSS	Year 1	SSA with the dtic to input								
Industrial Financing/ Recapitalisation	competitiveness through modernisation of processing	recapitalisation of machinery up to 30% grant		ii. Provide administrative and business planning support to interested beneficiaries to access incentives	Year 1 onwards	the dtic	IDC, SSA, PAMSA, DSBD, SEDA and SEF							
				Note: security of supply as an impediment to uptake of APSS is dealt with in Focus area 1										
FOCUS AREA 3:	South African pole producers		able to respond to export opportunities in Africa due to		Deliverable 5: Trade support provided to enable access specific African markets									
Processing: Utility	to supply 200 000 poles to										i. Organise and participate in trade missions	Year 1 – ongoing	SAUPA	the dtic
poles	annum				ii. Engage funders (African Development Bank and World Bank)	Year 1	SAUPA	the dtic						
					iii. Develop high level trade protocol	Year 2 – onwards	SAUPA	the dtic						
FOCUS AREA 3:	To increase investment in	Greater investment into African		Deliverable 6: Promote Investment in specific African markets (New "deliverable")										
Processing: Forestry regional integration	African countries	Markets		i. Expand and consolidate strategies between South Africa and Mozambique related to economic development, industrial and trade co-operation, with specific focus on co-operation between the countries in forestry and forestry based industries	Year 2	the dtic	DIRCO							
					ii. As and when required: ensure bilateral agreements reflect Forestry sector detail	Year 2 onwards	the dtic	DIRCO						
										iii. Engage funders (African Development Bank and World Bank on proposed investment initiatives that IDC is already working on to increase the level of investment in the Region)	Year 2	the dtic	DIRCO	
FOCUS AREA 3:	To improve sawmilling	y rate (in support of titiveness) – baseline stablished through the		Deliverable 7: Study undertaken to inform next steps for the modernisation of timber processing										
Processing: Sawmilling modernisation	recovery rate (in support of competitiveness) – baseline			i. Commission a techno-economic benchmarking study to identify the technology gaps in the SA processing sector which matches the SA roundwood supply quality	Year 1	SSA	the dtic							
	to be established through the benchmarking study)			ii. Pending findings of study, introduce a collaborative modernisation investment drive in conjunction with <b>the dtic</b> incentives with the view to upscale mills to be more efficient and add value to their products	Year 2 – onwards	SSA	IDC, the dtic							
FOCUS AREA 3:	To remove the prohibitive	Wastepaper excluded in		Deliverable 8: Wastepaper exclusions/solutions developed and submitted										
Processing: Pulp & Paper Legislation	wastepaper regulations in the National Environmental Waste	the regulations regarding the control of the import or		i. Engage with key stakeholders to develop exclusions/solutions regarding wastepaper	Year 1	PAMSA	PAMSA Members organisations							
raper Legislation	Act 59 of 2008	export of waste (National Environmental Management Waste Act 59, 2008)		ii. Lobby for exclusions/solutions to be addressed and implemented	Year 1	PAMSA	PAMSA Members organisations							
FOCUS AREA 3: Processing: Improving	To extract the maximum value from wood biomas via	Biorefinery technologies to enable development of new		Deliverable 9: Biorefinery technologies for production of high value products and materials for use in various applications, e.g., chemicals and products to combat the COVID pandemic (new deliverable – links to RDI priorities)										
productivity of the forestry products	biorefinery applications	value chains from waste wood biomass		i. Commission a techno-economic market study for biorefinery technologies and products	Year 1	CSIR	the dtic, Industry, PAMSA?							
industries		DIOITIASS		ii. Pending findings, develop and implement business plans	Year 2 – onwards	CSIR	the dtic, Industry, PAMSA?							
FOCUS AREA 3:	To reduce the volume of non	Local market specifications are		Deliverable 10: Enforce compliance and apply standards on imported Board products										
Processing: Board manufacturing	compliant board products being imported into the	enforced on Imported board products		i. Work with SABS, NRCS, the dtic, FSC and Industry to develop compulsory standards for imported board products.	Year 1 – onwards	the dtic	ITC, SABS, ITAC, NHBRC, NRCS, DHS, FSC, BOARD INDUSTRY							
	country [Targets can be set once a baseline is developed]			ii. Local market specifications are enforced on Imported board products	Year 1 – onwards	the dtic	ITC, SABS, ITAC, NHBRC, NRCS, DHS, FSC, BOARD INDUSTRY							
				iii. Meet with SARS customs on illegal and incorrect tariff declaration	[TBC with SARS]	[SARS/Board industry]	ITC, SABS, ITAC, NHBRC, NRCS,FSC, SARS, <b>the dtic</b>							
				iv. Train SARS custom staff on the correct tariff declaration process	[TBC with SARS]	[SARS]	ITC, SABS, ITAC, NHBRC, NRCS,FSC, SARS, <b>the dtic</b> , BOARD INDUSTRY							

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	Lead Organisation	Support Organisations																			
FOCUS AREA 4:	To reduce timber losses as a	SAPS agrees to establish a	raung	Deliverable Statements & High rever actions Deliverable 1: Establishment of a Commercial Forestry Crime Unit	Timenne																					
Plantation Theft	result of illegal timber and theft	specialised forestry crime		i. Develop Business Case, using the Timber Theft Survey and other sources to motivate the case for a dedicated unit	Year 1: July 2020	Forestry SA, DEFF	Provincial Anti Timber Theft forums,																			
	related activities from 0.42% to 0.2% by 2026	unit as a Commercial Crimes initiative					SAUPU, SSA																			
	0.270 By 2020			ii. Motivate with the SAPS to establish the unit	Year 1: 31 March 2021	Forestry SA, DEFF	SAPS, SAUPA, SSA																			
										iii. Establish a minimum of two units, prioritising the most severely affected provinces: probably MPU, KZN and the E Cape.	Year 2	[SAPS]	DEFF, FSA, SAUPA, SSA													
											iv. Appoint a commander and detectives in each unit	Year 2	[SAPS]													
								v. Train the members of the unit in matters specific to the Timber Industry	Year 2: April 2021-30 Sept 2021	Forestry SA	SAPS, SAUPA, SSA, DEFF															
				vi. Appoint and train dedicated prosecutors in each province	Year 2-3	[Department of Justice]	Forestry SA, SAPS, SSA, SAUPA																			
		FSA, plantation owners, DEFF and SAPS develop a coordinated response to		[Deliverable 2: Recruitment, training and appointment of Forest Officers]																						
			coordinated response to	coordinated response to	a coordinated response to	coordinated response to		i. Relevant organisations budget for FO training and employment (where applicable)	Year 1	DEFF	Forestry Industry Associations															
		theft incidents – and where community grievances are		ii. FOs recruited and trained by various organisations	Year 2 onwards	DEFF/Forestry Industry Associations																				
		at the root of the problem,		Deliverable 3: Utilisation of Prov Joints SAPS meetings to escalate forestry sector crime/criminal activities																						
		a coordinated response is developed to unblock		i. Escalate crime issues to Prov Joints meeting	Year 1 – onwards	DEFF	Forestry SA (Anti-Timber Theft Forums)																			
		problems		ii. Attend Prov Joints meetings	Year 1 – onwards	DEFF																				
				iii. Ensure follow through on crime issues raised at Prov Joints meetings	Year 1 – onwards	DEFF	Forestry SA (Anti-Timber Theft Forums)																			
		Availability of timeous,		Deliverable 4: Forestry sector crime data systems implemented																						
		accurate theft related data,		i. Undertake awareness campaigns utilising Anti-Timber Theft forums & SSA	Year 1: Aug 2020-31 Dec 2020	Forestry SA	Forestry SA (Anti-Timber Theft Forums),																			
		used to address crime/criminal activities			_		Sawmilling SA and SAWPA																			
				ii. Continuously collect and collate theft data	Year 1-onwards	Forestry SA	DEFF																			
	-			iii. Share data on key platforms (including PPGI)	Year 1-onwards	Forestry SA	DEFF																			
FOCUS AREA 4: Illegal Markets		Industry-wide traceability		Deliverable 5: A Log Transport Permit System established (to allow policing by SAPS of timber being transported)																						
warkets		curb sale of stolen timber				(Origin) of timber instituted to curb sale of stolen timber							i. Conduct a study to investigate the workings of the log transport permit system	Year 1: August 2020-31 March 2021	Forestry SA	DEFF, DoT										
				ii. Implement the recommendations from the study	Year 1: from March 2021	Forestry SA	Forestry companies, other Forestry indus associations, DEFF, DoT																			
											iii. Undertake compliance study to determine extent to which system has been adopted	[By Oct 2021]	Forestry SA	Forestry companies, other Forestry indus associations												
				Deliverable 6: Timber theft self-regulation instituted (similar to RTMS accreditation)																						
										i. Table Timber theft proposal for agreement	Year 1 : 30 Sept 2020	FSA Transport committee														
				iii. Develop peer review mechanism to ensure adherence	Year 2 : 31 December 2021	Forestry SA	DoT																			
	-			iv. Implement a peer review mechanism	Year 2-onwards	Forestry SA	DoT																			
FOCUS AREA 4: Illegal activities in the pole		Coordinated enforcement, and compliance to VC9092		Deliverable 7: Wording of the NRCS regulations amended																						
market		in respect of illegal timber treatment	in respect of illegal timber	in respect of illegal timber		in respect of illegal timber		i. Convene meeting with the dtic and NRCS to reach agreement on amendment on regulation	Year 1	SAWPA	the dtic, NRCS															
								ii. NRCS to amend current regulation	Year 1	NRCS																
													iii. NRCS to enforce the amended regulation	Year 1	NRCS											
				Deliverable 8: Multi-stakeholder task team established that addresses the various compliance and enforcement challenges																						
				i. Establish Task team and develop ToR for Task team	Year 2	DEFF and NRCS jointly leads	NRCS, SAPS, FSA, SAWPA, DALRRD, Industry members																			
				ii. Address the hotspots/resource constraints of NRCS	Year 2-onwards	DEFF and NRCS jointly leads	NRCS, SAPS, FSA, SAWPA, DALRRD, Industry members																			
				iii. Establish a standard operating procedure for responding to illegal activity	Year 2	DEFF and NRCS jointly leads	NRCS, SAPS, FSA, SAWPA, DALRRD, Industry members																			
				iv. Undertake proactive awareness about illegal pole activities, including raising awareness at the point of sale, as well as the environmental and associated health dangers associated with stolen chemicals and improper discarding of chemical containers.	Year 2-onwards	DEFF and NRCS jointly leads	NRCS, SAPS, FSA, SAWPA, DALRRD, Industry members																			
				<ul> <li>Coordinate efforts between the Industry, NRCS and SAPS in curbing illegal activities – this could include the use of centralised GPS technology to report suspicious behaviour operators/sites on which the NRCS must act as well as greater follow through and reporting on criminal activities (cases opened/fines issued etc)</li> </ul>	Year 2-onwards	DEFF and NRCS jointly leads	NRCS, SAPS, FSA, SAWPA, DALRRD, Industry members																			
OCUS AREA 5a: RDI	To strengthen RDI capabilities			Deliverable 1: Government RDI Capacity strengthened and RDI included in budgets																						
Enabling government conditions in support	and increase RDI financial resources in key government			i. Apportionment of RDI funds in budget allocations ·		DEFF, the dtic, DSI																				
of RDI	departments			ii. Put in place effective institutional configurations in Government departments (such as DFEE) to administer Government's research role		DEFF, <b>the dtic</b> , DSI																				
				iii. Establish partnerships with other research organisations/stakeholders to give effect to the research mandate		DEFF, the dtic, DSI																				
FOCUS AREA 5a: RDI:	To conduct an indepth study of	Detailed and up-to-date		Deliverable 2: Joint study undertaken on state of RDI in Forestry																						
The state of RDI in forestry in SA	the strengths and weaknesses of RDI in the forestry sector	report on the state (strengths, weaknesses and opportunities) of Forestry RDI		i. Joint study undertaken on the state of R&D in Forestry	Year 1: Aug 2020-March 2021	Centre for Research on Evaluation, Science and Technology (CREST) (through FSA)	Forestry SA																			
				ii Benort (including recommendations) disseminated to three DDI forume (Solid wood processing. National research forum and	Vear 1: April 2021																					
	1		1	ii. Report (including recommendations) disseminated to three RDI forums (Solid wood processing, National reseach forum and Forestry Cluster)	Year 1: April 2021	Forestry SA																				



Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	Lead Organisation	Support Organisations																
FOCUS AREA 5a: RDI:	To identify R&I priorities for the	Co-constructed identification	ruting	Deliverable 3: RDI priority setting undertaken related to solid wood processing																			
The research and	Forestry sector	of RDI agenda for the		i. Identify and adjudicate new solid wood processing RDI priorities	Year 1- Onwards	the dtic	Processing industry stakeholders, academ																
innovation agenda for Forestry		sector with a view to greater coordination and collaboration					and other government stakeholders																
· · · · · · · · · · · · · · · · · · ·		between academia, government and industry	between academia,		ii. Lobby for RDI funding (see deliverables 6 and 7 under next sub-focus area)	Year 1- Onwards	Project Owner																
				government and industry		Actions for specific processing priorities identified: Greater beneficiation of the tree	Pending funding and prioritisation	the dtic															
										i. Undertake detailed techno-economic research into greater beneficiation of the tree/plantation output with a view of developing a sustainable supply of raw materials to feed new and existing value chains													
							ii. Undertake detailed research into resource-efficient processing of forest based raw materials																
								iii. Deliberate knowledge transfer initiative to industry based on the outcomes of i & ii															
							Actions for specific processing priorities identified: Study on the market potential for the commercial viability of the production of engineered wood products in South Africa	Pending funding and prioritisation	the dtic														
															i. Undertake a detailed market study of engineered wood products (OSB, CLT ETC) and product consumption in South Africa and in								
								<ul> <li>preferred destination countries and of competitive advantages for export in future</li> <li>ii. Identify options, develop and structure an industry enabling model that will address the constraints listed</li> </ul>															
				iii. Investigate and propose a model through which BBBEE can be incorporated into the establishment of an engineered wood																			
				product industry iv. Conduct a techno-economic investigation dealing with the manufacturing (from plantation to retailer) and informed by the market																			
				study and industry enabling model)																			
				Actions for specific processing priorities identified: Bioenergy and biorefinery project	Pending funding and prioritisation	DSI																	
				<ul> <li>Develop a biorefinery roadmap to identify short- and long-term opportunities</li> <li>Undertake a technology economic feasibility study to assess technology readiness; market opportunities etc</li> </ul>																			
				iii. Implement relevant RDI programmes to respond and capture the identified new market opportunities																			
				Actions for specific processing priorities identified: Transformative technologies/new product development	Pending funding and prioritisation	the dtic																	
				i. Develop a comprehensive national programme that aims to rebuild a vibrant, future-looking forest sector. Underpinned by forward- thinking, planning and acting innovatively on what can be done with the resource on hand, offering the best way forward in																			
				reviving and re-invigorating the forest sector with future applications in mind.																			
				Actions for specific processing priorities identified: FMG Cluster	Pending funding and prioritisation	DSI																	
				i. Undertake advanced research on understanding the genetic regulation of growth and wood formation in plantation forestry with the aim of improving productivity and sustainability, and to develop trees with novel wood properties for bioprocessing and new																			
				bio-based materials																			
																Deliverable 4: Primary R&D priority setting done through National Research Forum							
													i. Identify and adjudicate new RDI priorities	Ongoing	National Research Forum	Primary forestry industry stakeholders,							
																			academia and other government stakeholders				
										ii. Lobby for RDI funding (see deliverables 6 and 7 under next sub-focus area)	Year 1- Onwards	Project Owner											
																				Deliverable 5: Forestry Cluster put in place to address upstream and downstream biorelated RDI activities			
										i. Identify and adjudicate bio-related RDI priorities	Year 2- Onwards	DSI-TIA											
									ii. Lobby for RDI funding (see deliverables 6 and 7 under next sub-focus area)	Year 2- Onwards	Project Owner												
Focus Area 5a: RDI: Investment into RDI	To advocate for maintaining existing levels of funding	Current levels of investment											Current levels of investment in existing RDI initiatives are		Deliverable 6: Advocacy and lobbying for continuation of existing RDI projects coming to an end								
(Public & Private)	for Forestry RDI as well as increasing funding for the	y RDI as well as funding for the	U U	maintained (as a minimum)	maintained (as a minimum)	0		Project 1: Funding for the Tree Protection Cooperative Programme at FABI (DEFF portion) (FSA,DEFF and UP) i. Finalise the outstanding MOU (PPGI initiative)	Year 1	DEFF	FSA, University of Pretoria												
	Sector						Project 2: Sector Innovation Fund (DSI: Sector and Local Innovation)	Year 1 – Onwards	DSI (Specific directorates and														
										Project 3: Forestry Cluster (expansion of current FMG programme) (DSI-TIA)		programmes indicated in brackets)											
								Project 4: Biorefinery consortium (DSI Industrial Bioeconomy Directorate)															
										i. In conjunction with the development of the decadel plan, lobby for continued funding													
		New investments in Forestry RDI are secured (ideal)		Deliverable 7: Advocacy and lobbying for additional investment to national bodies, e.g. National STI plenary (probably only functional in 2021)																			
				i. Develop business cases/project proposals that clearly demonstrates the value propositions	Year 2- onwards	[Three research forums through DEFF]																	
				ii. Lobby with national bodies such as the proposed STI Plenary for increased investment into RDI	Year 2- onwards	[Three research forums through DEFF]																	
				Deliverable 8: Continued investigation of [new] RDI funding opportunities																			
				i. Develop business case for the establishment of a dedicated NRF Research Chair for Timber Research	Year 2																		
				ii. Investigate [new] funding instruments such as matched funding contributions between government, industry and academia	Year 1 - onwards																		
				i. Publish revised THRIP guidelines	TBC	the dtic (Minister)																	
				ii. Convene a Forestry stakeholder workshop to discuss the revised THRIP guidelines	Within 3 months after guideline has been published	the dtic – Industrial Competitiveness and Growth																	
Focus Area 5b: HRD	To retain and expand high-level	i. Scarce skills gaps		Deliverable 1. Skills audit done to determine skills gaps and redundant skills on processing and production forestry																			
and Skills: Retention of high level managerial	managerial and research skills for the Forestry sector	identified and addressed through critical		i. Convene a meeting to discuss scope and budget for skills audit	Year 1	[FP&M SETA]	Various forestry industry associations, SAFCA, CEPPWAWU, SACTWU																
and research skills		interventions ii. Increased retention of		ii. Appoint provider to do skills audit	Year 1	[FP&M SETA]																	
		graduates for the industry, government and academia		iii. Review and finalise skills audit report	Year 1	[FP&M SETA]	Various forestry industry associations,																
				Deliverable 2 CDEST Trader study done to establish the ampleument trainateries for Forestry syndrotes (Conterry or 2000)			SAFCA, CEPPWAWU, SACTWU																
						Deliverable 2. CREST Tracer study done to establish the employment trajectories for Forestry graduates (September 2020- March 2021)																	
						i. Conduct Tracer study	Year 1: Sept 2020- March 2021	CREST (Through FSA)	Forestry SA, SAFCA, FP&M SETA														
			1	ii. Disseminate findings of tracer study	Year 1: April 2021	Forestry SA	Forestry SA, SAFCA, FP&M SETA																

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	
				Deliverable 3. Projects and Programmes implemented in response to skills audit and tracer study (including career pathing, training and re-skilling of workers)		Τ
				i. Develop projects and programmes following skills audit and tracer study	Year 2 – onwards	+
						$\downarrow$
				ii. Secure lead organisation, and budget to implement projects and programmes	Year 2 – onwards	
Focus Area 5b: HRD and Skills: Land	To equip land owners, SMME contracts and small sawmillers	i. New (beneficiaries) and existing landowners		Deliverable 4. Skills forum/committee established to drive the development and delivery of short courses for landowners, SMME contractors and small sawmillers	Year 1 – onwards	
	with business, managerial and technical skills	<ul> <li>(community, micro, small growers) equipped with financial, entrepreneurial and technical skills (including fire protection)</li> <li>ii. New (beneficiaries) and existing landowners have access to mentoring support following training</li> <li>i. SMME contractors equipped with financial and entrepreneurial skills</li> <li>ii. SMME contractors have</li> </ul>		i. Assess availability of current short course offering (including considering work done on National extension services programme and the Forestry Extension services programme)		
				ii. Develop cross-cutting short courses (i.e. financial, technical etc) bearing in mind the needs of the various targets (i.e. different levels of training, language requirements, mode of training)		
				iii. Where existing short courses available: customise for the Forestry sector		
				iv. Conduct a gap analysis in order to prioritise roll out		
				v. Prioritise roll out based on funding availability		
				vi. Accreditation of short courses to be done where required		Τ
				vii. Develop the mentorship programme		Τ
				viii. Appoint service providers both for short courses and mentoring		T
<ul> <li>access to mentoring support following training</li> <li>Small sawmillers equipped with business acumen skills and technical skills</li> <li>Small sawmillers have access to mentoring support following training</li> </ul>		ix. Conduct M&E to improve and refine short courses before bigger roll out				
Focus Area 5b: HRD	To equip 160 architects per	160 architects capacitated		Deliverable 5: Built environment professionals capacitated		Ţ
environment of wood as a construction constru	in the use of wood as a construction material per year (from year 2)		<ul><li>i. Undertake promotional/marketing activities (to promote website and courses),</li><li>ii. Conduct 1 x Face to face regional workshop</li></ul>	Year 1: July 2020-June 2021		
	· · · · · · · · · · · · · · · · · · ·		<ul> <li>i. Undertake promotional/marketing activities (to promote website and courses),</li> <li>ii. Conduct 3 x Face to face regional workshops</li> </ul>	Year 1/2: July 2021 – June 2022		
			<ul> <li>i. Undertake promotional/marketing activities (to promote website and courses),</li> <li>ii. Conduct 3 x Face to face regional workshops</li> </ul>	Year 2/3: July 2022-June 2023		
Focus Area 5b: HRD and Skills: <b>DEFF</b> <b>capacity</b>				DEFF capacity building in support of Masterplan projects (actions listed as part of Deliverable 15 – Focus area 1)		
Focus Area 6: Key	To create an enabling	Water use licences issued		Deliverable 1: Licenses amended that were issued between 1998 and 01 April 2020 (PPGI Initiative)		T
Inhibitors: Water	environment for the Forestry sector by addressing critical inhibitors related to water,	between 1998 and 1 April 2020 are revised to reflect the provisions of the new WUL process		i. Request members from industry organisations (i.e. FSA, PAMSA, SSA etc) to send details of water licenses issued in this period	Year 1: July 2020	Τ
inhibitors				ii. Compile first batch of WUL for action by DWS (Submit to DWS July 2020)	Year 1: 30 July 2020	T
	transport and land			iii. Amend these WUL (90 days after submission)	Year 1: 31 Oct 2020	T
Focus Area 6: Key Inhibitors: <b>Genus</b>	, , , , , , , , , , , , , , , , , , , ,		Deliverable 2: Genus Exchange regulations resolved (this also applies to the definition of existing lawful water) (PPGI initiative)			
Exchange		converting from one genus to another (specifically to Eucalyptus on forest land)		<ul> <li>Once legal dispute and Genus Exchange issues (and definition of lawful water use) are resolved, set the process in place to regularise plantations (pending court case)</li> </ul>	Year 1	t
Focus Area 6: Key Inhibitors: <b>Diesel</b>		Agreement reached that forestry activities will not be		Deliverable 3: Response obtained on diesel refund (PPGI Initiative)		Ť
refund		excluded from the Diesel refund system		i. Obtain response from SARS on the Diesel Refund submission	Year 1	+
Focus Area 6: Key	_	Reduced risk of product (chip)		Deliverable 4: Continued monitoring of the performance of the conveyor system through (existing) quarterly industry forums	Year 1 – onwards	+
Inhibitors: Ports contamination at Richards Ba port due to multiple users of the conveyor systems	contamination at Richards Bay port due to multiple users of		i. Convene quarterly forums where performance of conveyor system are discussed		+	
						$\downarrow$
		5		Deliverable 5: Productivity tariff implemented from April 2020 whereby performance of port is linked to the tariff	Year 1 – onwards	
		Lower loading costs negotiated for vessel loading function		Deliverable 6: Terminal Tariff cost issues addressed		†
				i. Undertake benchmarking of global costs drawing on the study from KZN	Year 1: 30 Sept 2020	+
				ii. Conduct new benchmarking exercise of global costs	Year 2: 31 Dec 2021	+
				iii. Undertake negotiations to discuss globally competitive rates	Year 2: 31 Dec 2021	╈

Lead Organisation	Support Organisations
[FP&M SETA]	Various forestry industry associations, SAFCA, CEPPWAWU, SACTWU
[FP&M SETA]	Various forestry industry associations, SAFCA, CEPPWAWU, SACTWU
DEFF wih [FP&M SETA]	Forestry SA, SSA, SAFCA, Forestry universities
Stellenbosch University	Sawmilling SA
Stellenbosch University	Sawmilling SA
Stellenbosch University	Sawmilling SA

DWS, forestry industry associations
DWS, forestry industry associations
SARS
Relevant forestry companies
Relevant forestry companies
Transnet Freight
Transnet Freight

Focus area	Objective statements	Success statements	Priority rating	Deliverable statements & High level actions	Timeline	
Focus Area 6: Key Inhibitors: Road and Rail Greater strategic alignment between Industry and Transnet Freight, as well as active resolution of rail related issues through the one stop shop.		Deliverable 7a. Consolidate industry rail issues for escalation to Transnet Freight	Year 1 – onwards			
		Freight, as well as active resolution of rail related issues		Deliverable 7b. Set up One Stop Shop at Transnet to enable strategic alignment between government & industry on rail issues		
				i. Obtain approval from Transnet CEO to establish the One Stop Shop	31 July 2020	7
				ii. More actions to be developed following approval		
		PBS Integrated into the		Deliverable 8: Integration of PBS into National Transport Framework		
		National Transport framework		i. Submit proposal to National Department of Transport around the inclusion of PBS into the National Transport framework	Already submitted	1
				ii. Track acceptance and incorporation into legislation (31 July 2020 – 31 December 2021)	Year 1/2: 31 July 2020-31 Dec 2021	1
Focus Area 6:	Key Inhibitors: ensure a simpler and quicker		Deliverable 9a. Existing outstanding EIAs finalised			
Key Inhibitors: Environmental Impact			i. Bundle and action outstanding EIAs	Year 1	ſ	
Assessments (EIAs)		i. A strategic environmental assessment is		Deliverable 9b. Alternative/streamlined processes developed to make the system more effective for small growers and communities		Γ
		commissioned by DEFF to cover community land		i. Review EIA process to identify areas where streamlining can take place according to the scale of operations and the proposed land use.	Year 1	ſ
		in the E Cape	ii. The screening and scoping components are optimised for rural community forestry	ii. Review existing SEA carried out in 2005 in the Eastern Cape for new afforestation to determine whether it needs to be updated, including area zoned for afforestation	Year 1	ſ
		components are optimised for rural community forestry		iii. Establish a forum (use SFRA if appropriate) between DEFF and DWS to expedite EIA and WUL applications to ensure afforestation goals are met as per PPGI	Year 1	[
	land use iii. Finalising outstanding EIAs of communally owned land		iv. Document the various EIA options and support provided by Environmental directorate to ensure optimal EIA options and timelines	Year 2	[	

Lead Organisation	Support Organisations
Forestry SA Transport Committee	Industry, PAMSA
Transnet Freight	
Forestry SA	Department of Transport
Forestry SA	Department of Transport
DEFF – Environmental Branch	
DEFF – Environmental Branch	
DEFF – Forestry Branch	
DEFF	DWS
DEFF – Forestry Branch	DEFF – Environmental Branch

The Department of Environment, Forestry and Fisheries Cnr. Steve Biko and Soutpansberg Road, 473 Steve Biko, Arcadia, Pretoria, 0083 South Africa

The www.environment.gov.za

The Department of Trade, Industry and Competition the dtic Campus 77 Meintjies Street, Sunnyside Pretoria, 0002 South Africa

The www.thedtic.gov.za







environment, forestry & fisheries

Department: Environment, Forestry and Fisheries **REPUBLIC OF SOUTH AFRICA**