



*Empowered lives.  
Resilient nations.*





# Background

- Central Forest Spine initiative conceptualized in 2005 under National Physical Plan 2005.
- Central Forest Spine Master Plan was formulated in 2011.



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### Governance:

- Distribution of legislative power between federal and state governments
  - competing interests for land and forest resources
  - disincentive for state governments to conserve and protect biodiversity and ecosystems.
- Limited whole of government and whole of society approach in sustainable landscape management

### Capacity:

- Limited institutional and human resource capacity at the State level
- Distribution of human resource in public sector involving in sustainable landscape management
- Stakeholder engagement and partnership capacity

### Finance:

- Distribution and cost effectiveness of public funds investment in sustainable landscape management



# Objective

To increase **federal and state level capacity** to execute the **Central Forest Spine Master Plan** through the implementation of **sustainable forest landscape management plans** in three pilot sites, **financed sustainably** through the diversification and increased allocation of funds for conservation.



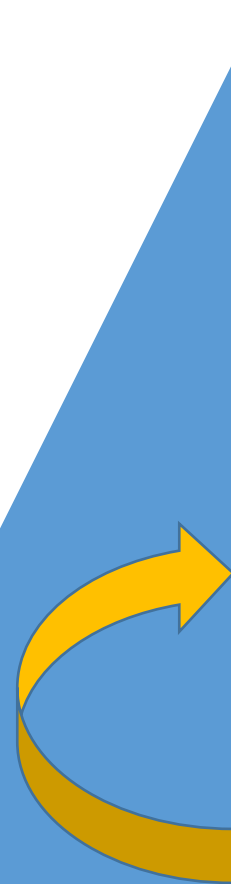


# Scope



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- Planning & evaluation tools on CFS impacts
- Capacity building in policy or strategy planning, legal review/amendment, multiple-use landscape management, enforcement, multiple-stakeholder engagement, communication & advocacy etc. for national/state/CSO/NGO/ILCs.
- Pilot demonstration of sustainable livelihood initiatives for Orang Asli and local communities.
- Financial planning and resources mobilization from innovative biodiversity finance mechanism/solutions.



**National Physical Plan III**

**CFS Master Plan**  
(37 Linkages: 17 PLs and 20 SLs)

**IC-CFS**  
(4 Linkages: 4 Primary Linkages (PL) – 1 in Perak, 1 in Pahang and 2 in Johor)

**National Policy on Biological Diversity 2016 – 2025**

**National Tiger Conservation Action Plan**



# Goal



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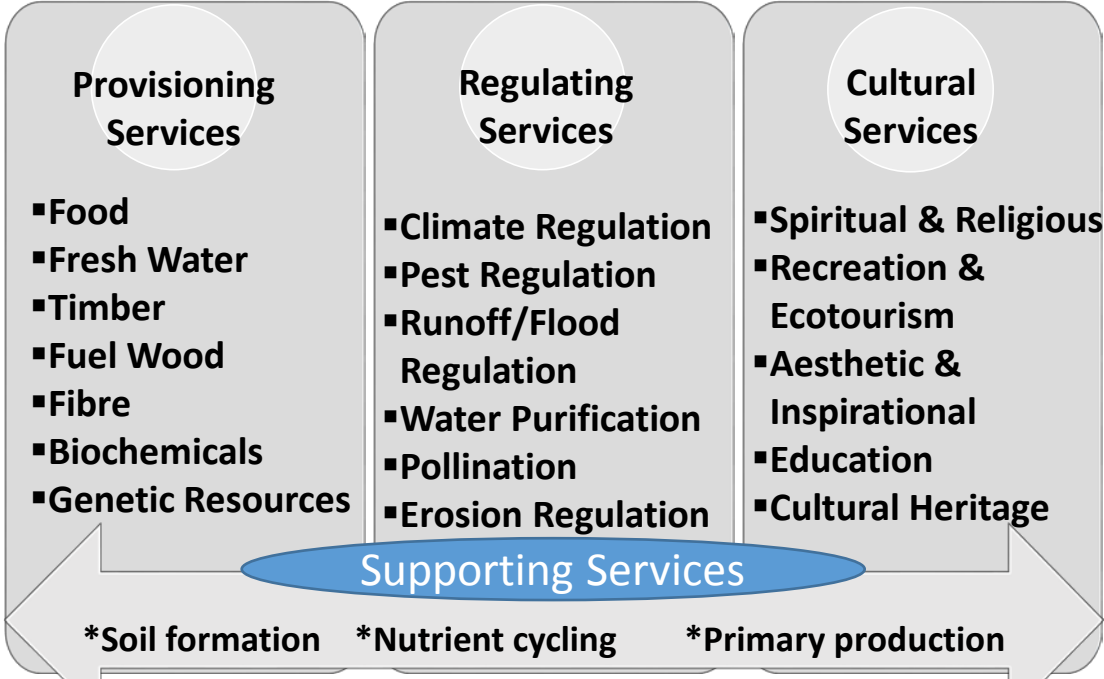
Secures critical wildlife habitats

Conserves biodiversity and carbon stocks

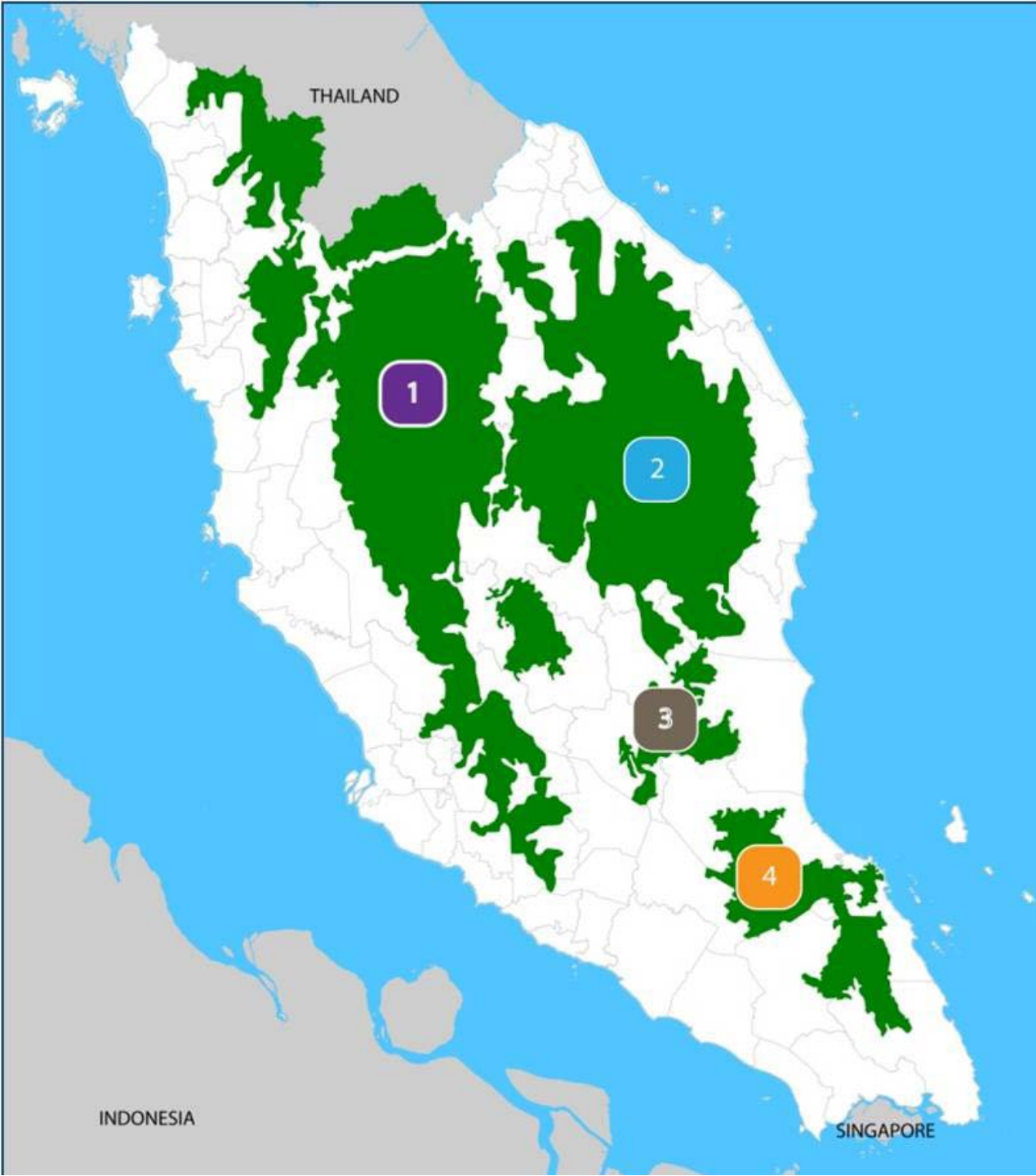
Maintains the continuous flow of multiple ecosystem services



**GOAL**  
Sustainable forest landscape management in the Central Forest Spine Landscape



Source: A Common Vision for Biodiversity, Ministry of Natural Resources and Environment (2008)



693,500 hectares of total CFS landscape area:

1. Belum-Temenggor Forest Complex in Perak

2. Greater Taman Negara Forest in Pahang

4. Endau-Rompin Forest Complex in Pahang and Johor



# Central Forest Spine

## Project Component and Outcomes



**Planning, compliance monitoring and enforcement framework for integrated forest landscape management**



**Sustainable forest landscape management of three priority forest landscapes within Central Forest Spine**



**Diversification of financing resources for conservation**





## COMPONENT 1

Planning, compliance monitoring and enforcement framework for integrated forest landscape management

### Outcome 1.1

- Strengthen **capacity of Federal Government** to implement the CFSMP
- Ensure **compliance by sub-national actors**
- **Monitor impacts** on biodiversity, ecosystem services and carbon stocks

### Outcome 1.2

- **Enhance** wildlife and forestry crime **law enforcement and monitoring capacity**
- **Ensure reduction** of wildlife and forestry **crime**

## COMPONENT 2

Sustainable forest landscape management of three priority forest landscapes within the CFS

### Outcome 2.1

- Mainstream biodiversity and ecosystem services in **forest landscape management** in the **3 priority landscapes**

### Outcome 2.2

- **Corridor establishment;** avoiding carbon emission and increasing carbon sequestration

### Outcome 2.3

- **Improve** the **socio-economic status** of local communities
- Generate sustainable livelihoods
- **Reduce human-elephant conflict**

## COMPONENT 3

Diversification of financing resources for conservation

### Outcome 3.1

- Long term conservation of CFS enhanced through **diversification of funding sources**

### Outcome 3.2

- **Funding** allocations are **secured and formalised**

### Outcome 3.3

- **Strategic planning** processes in place to **finance conservation management needs**

# End of Project Targets

## COMPONENT 1

Planning, compliance monitoring and enforcement framework for integrated forest landscape management

### Outcome 1.1

- Environmental and management **tools developed and applied** in landscape management
- **National CFS Steering committee trained** in the application of tools developed

### Outcome 1.2

- Population of **tigers increased** to at least **20%**
- At least **30% of the recorded wildlife and forestry crime cases** are **prosecuted in court**

## COMPONENT 2

Sustainable forest landscape management of three priority forest landscapes within the CFS

### Outcome 2.1

- 315,602 ha across the **3 focal landscapes** is under **improved management incorporating environmental and management tools**

### Outcome 2.2

- 20,000 ha forest **gazetted**, 4,000 ha of forest **rehabilitated**
- **Avoiding emissions** of 1.49 million tonnes of **carbon** as a result of forest gazettelement; 17,600 tonnes/year due to forest rehabilitation
- **Wildlife crossings established**

### Outcome 2.3

- At least two ecotourism and handicraft CBOs in operation, with engagement of men and women, **increasing household income by 25%**
- Report of **HEC incidences reduced by** at least **10%** in target communities, and **economic losses reduced by at least 10%**

## COMPONENT 3

Diversification of financing resources for conservation

### Outcome 3.1

- **Funds are regularly contributed towards CFS conservation**

### Outcome 3.2

- Significantly reduced dependence on funds from federal budgets and NGOs, where **conservation will be via a dedicated fund**

### Outcome 3.3

- **CFS-wide and 3 state level sustainable financing plans developed** dependent in the long term, on the values of their biodiversity and ecosystem services



# Key Activities

- Biodiversity measurement (Biodiversity Intactness Index, InVEST ecosystem valuation tools) for sustainable landscape planning, management and policy & decision-making.
- Tiger survey
- Integrated enforcement operations using SMART
- WildFriend Programme
- Forest restoration and rehabilitation
- Sustainable local and Orang Asli community livelihood
- Payment for Ecosystem Services
- Capacity building for state level stakeholders including CSO/NGO

# Opportunity

- Partnership with higher learning/ research institutions and NGO on biodiversity assessment or measurement
- Partnership with CSO/NGO and private foundations on sustainable and eco-based local & Orang Asli community livelihood programme
- Advocacy for Central Forest Spine targeting general public and policy-makers
- Pilot demonstration on financing for biodiversity e.g. PES





**THANK YOU**

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