



Countdown to 2020

Delivering sustainable impact

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Forests 2020

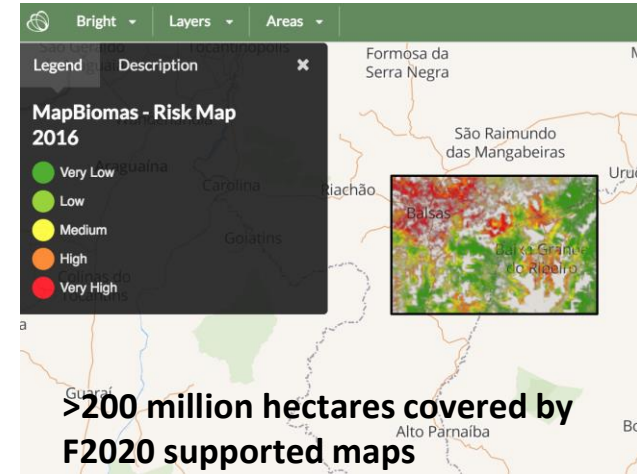
Thanks

- UKSA - International Partnership Programme
- International partners
- UK partners



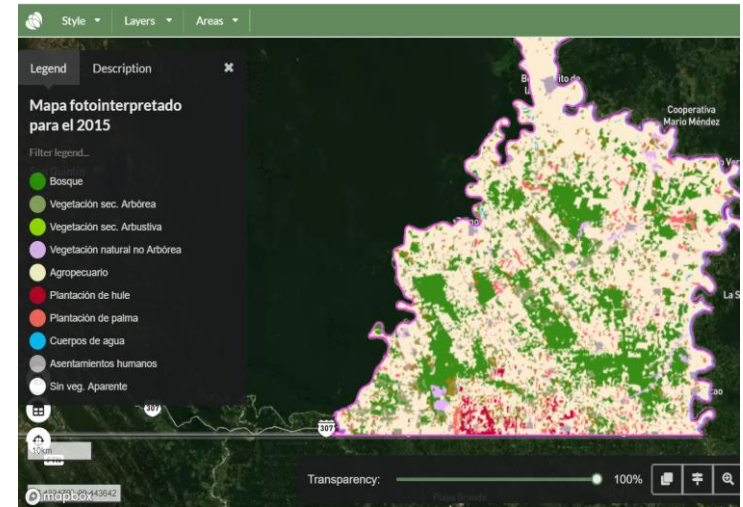
Achievements

- All countries participating in Forests 2020 have made significant progress in developing improved methods
- Many innovations are at final stages of development and testing
- The emphasis of the final year is to embed these innovations into national processes to achieve sustainable impact



Pathways

- Each innovation should have a pathway to outcome
 - Institutional adoption
 - Commercial uptake
 - Research programme
 - Future investment
- Each innovation needs a responsible person or champion and team to support adoption



Institutional adoption

- Innovation provides - faster, cheaper, better or more timely output:
 - Supports improved institutional process
 - Affordable (running cost)
 - Supportable (skills)

Examples:

- Image processing chain - LAPAN
- Land use use mapping process - Ecosur
- Datacube - Colombia
- EO Lab - various



Commercial adoption

- Innovation adopted by business or organisations involved in forest / agriculture
 - Demonstrates zero deforestation or forest restoration

Examples:

- Sustainable cocoa - Ghana
- Regulated charcoal production - Kenya
- Forest code compliance - Brazil
- Sustainable avocado - Mexico



Research

- Innovation used as an input to future research programme
 - Investigation of climate change impacts on forest (fire, restoration, social impacts)

Examples:

- Climate policy - Brazil
- Land use patterns - Mexico
- Impacts of social changes - Colombia



Future investment

- Innovation used as an input to future investment in forest / climate change resilience
 - National and international agencies to invest in new / improved capacity or functions

Examples:

- Climate Resilience
- Regional EO services

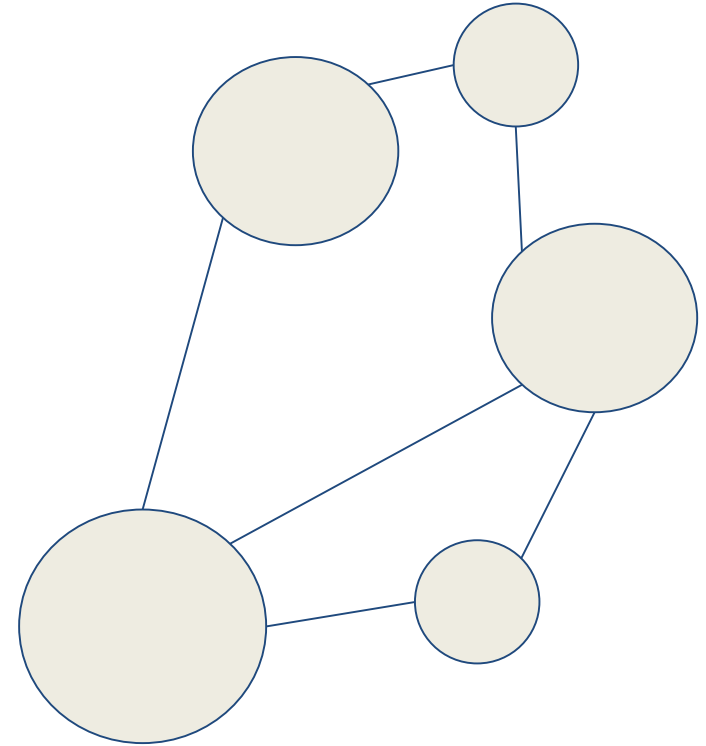


Challenges

Pathway	Challenge
Institutional	Demonstrate need and cost-effectiveness
Commercial	Sector buy-in, customers
Research	Research strategy and route to funding
Investment	Business case for investment

Forests 2020 innovation network

- We have built an effective network for developing and deploying earth observation applications through international partnership
- Proven effectiveness at collaborative innovation through development, testing, training, implementation and support



Climate Resilience

- Developing countries are expected to face climate change adaptation costs of \$200 to \$500 billion per year by 2050
- The Forests 2020 network, in collaboration with other IPP networks could address broader challenges of climate change resilience across agriculture, forests, urban and coastal areas