



EURAXESS is a European Commission's Directorate-General for Research and Innovation initiative

# Europe - Australia Collaboration Opportunities

France & Australia Bushfire Science Workshop

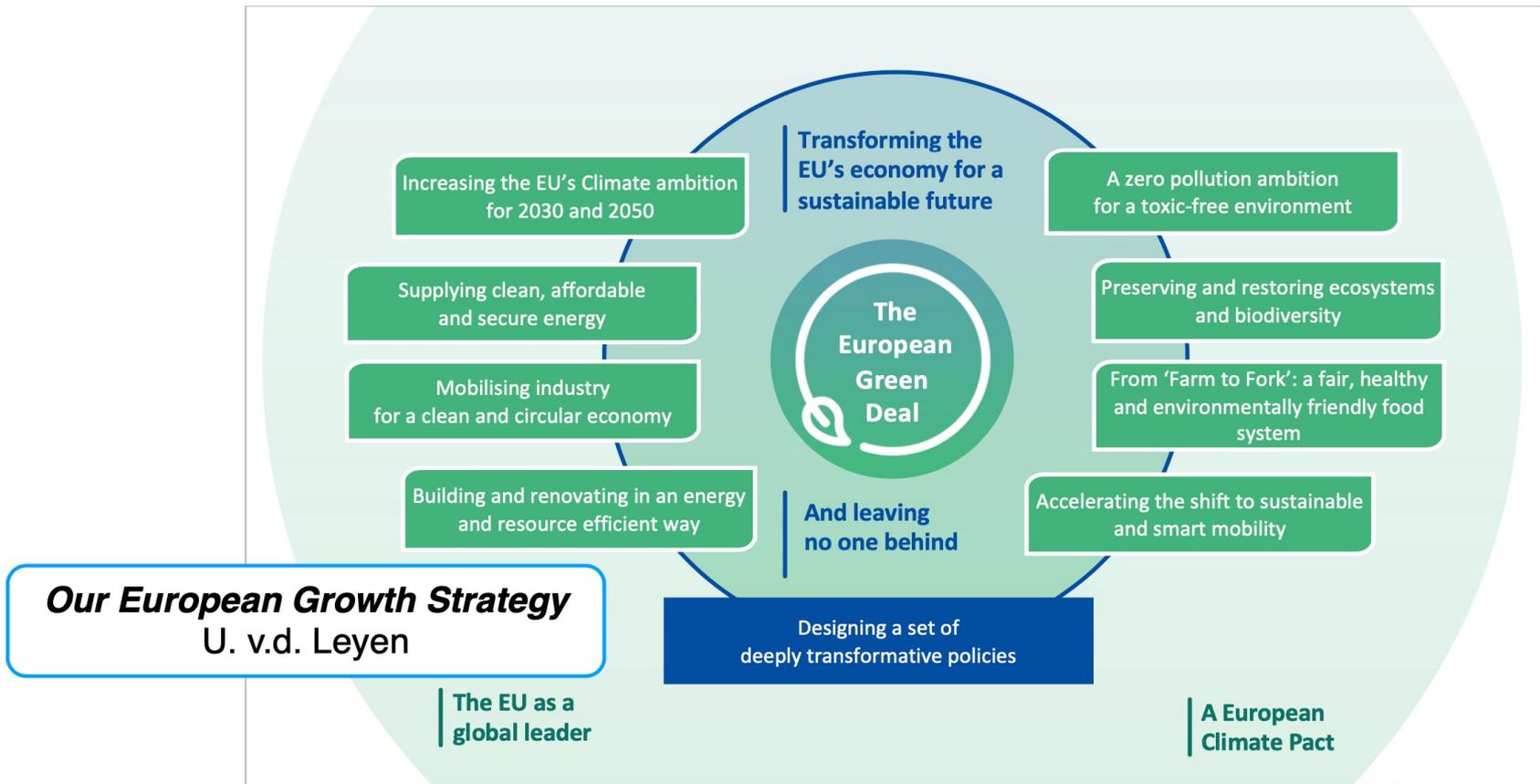
17 September 2020

**Nishant Shandilya**

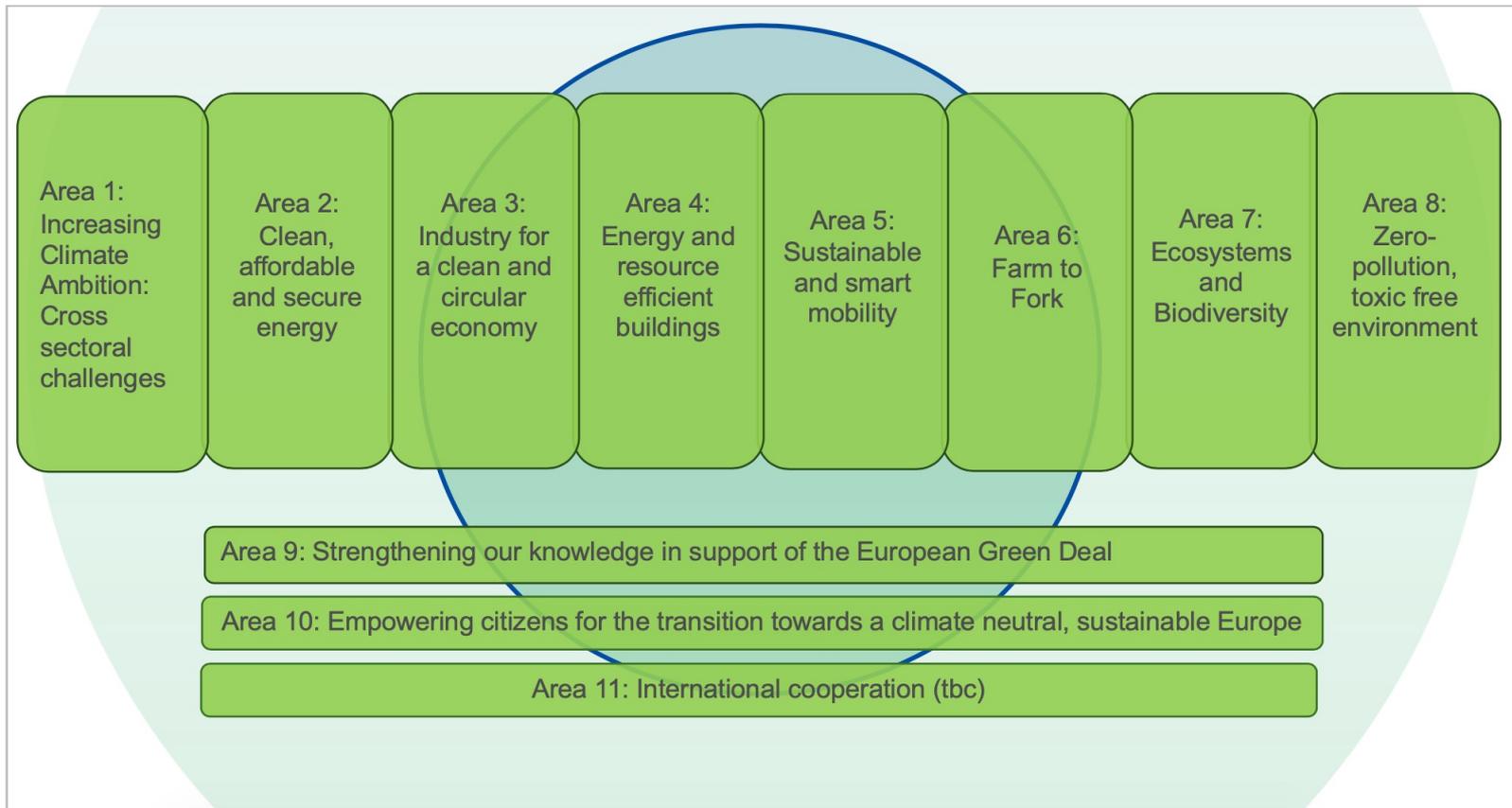
Regional Representative

EURAXESS Australia and New Zealand

# The European Green Deal



## The European Green Deal Call - Overview



## The European Green Deal Call – Area 1 Preliminary Topics

### Call Area 1: Increasing Climate Ambition: Cross-sectoral Challenges

- Topic 1: Preventing and fighting extreme wildfires with the integration and demonstration of innovative means
- Topic 2: Towards climate-neutral and socially innovative cities
- Topic 3: Climate-resilient innovation packages for EU regions

## The European Green Deal Call – Area 1, Topic 1

### Preventing and fighting extreme wildfires with the integration and demonstration of innovative means

#### Green Deal's Immediate Priorities:

- Reduce incidence and extent of forest fires” and “boost ability to predict and manage environmental disasters

#### Why?

- More EU citizens suffer directly & indirectly from wildfire impacts every year: hundreds of casualties, € 2 billions economic damages and millions of ha of forest and Natura 2000 areas ravaged - not only in South but also rising in Central, East and North EU
- Extreme wildfires as in Portugal (2017) and Greece (2018) will be more common, with negative effects on climate change (huge GHG), carbon sinks, biodiversity, air pollution
- Climate change increases wildfires' severity, extent of burned areas and length of the fire season in addition to unsustainable forestry, spatial planning and demographic changes

## The European Green Deal Call – Area 1, Topic 1

### Preventing and fighting extreme wildfires with the integration and demonstration of innovative means

#### What to do?

- Accelerate R&I, integrate, adapt & demonstrate holistic solutions ready to up-scale/deploy at local/regional/national/EU and international level, including demonstration pilot sites, making best use of existing data, technologies and services and closely engaging all concerned actors and communities for each phase.

#### General Approach



## The European Green Deal Call – Area 1, Topic 1

### Preventing and fighting extreme wildfires with the integration and demonstration of innovative means

#### Targeted Impacts (by 2030 in EU):

- 0 casualties from wildfires.
- 50% reduction in accidental/arson ignitions
- 55% reduction in wildfires emissions (2030)
- 50% Natura 2000 areas fire-resilient
- Stimulation of new bioenergy value chains
- Improved health (citizens, firefighters)
- Fire suppression within 24 hours
- Net climate-neutral in 2050
- 90% losses from wildfires insured
- Prescribed fire management use

For up-scale/up-take e.g. in National climate change adaptation/disaster risk units, Union's Civil Protection Mechanism, Disaster Risk Management Knowledge Centre, Emergency Response Coordination Centre, European Forest Fire Information System, EU/regional/interregional initiatives, Copernicus Services, UN's Sendai Framework.

Multilateral international cooperation can further leverage knowledge, resources, best practices and global impact e.g. with United States, Canada, Russia, Brazil and **Australia**.

## The European Green Deal Call - Timeline

- 1 June – Deadline for contribution from thematic programme committees
- 3 June – Closing of stakeholder engagement (public consultation)
- Mid-June (the week 15-19 June) – Last Strategic committee meeting
- July/August – Interservice consultation & opinion of the Strategic committee
- The final topic description and budget figures formally disclosed on 18 Sep
- A first dedicated 40 min info session will take place on 23 Sep afternoon at R&I Days (/Green Deal/Area 1/Wildfires topic): <https://research-innovation-days.ec.europa.eu/>





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