



# The INCA project

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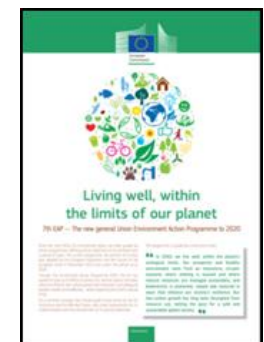
**Eurostat**

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# INCA – Objectives

- Develops a system of natural capital accounting, focusing on ecosystems
- Addresses EU policy needs
- Integrates existing **georeferenced** data from EU data bases and reporting by Member States
- Identifies data gaps and helps address them
- Develops **a geo-spatial data platform** for a regular production of accounts
- Tests and helps advance SEEA EEA



# INCA – A collaborative endeavour

## **Eurostat:**

Coordination of INCA, data provider, ensuring alignment with accounting standards and guidelines

## **DG Environment:**

Providing policy context, manages MAES

## **DG Research and Innovation:**

Coordination between INCA and EU research activities

## **European**

## **Environment Agency:**

Developing geo-spatial data platform and ecosystem extent and condition accounts

## **Joint Research Centre:**

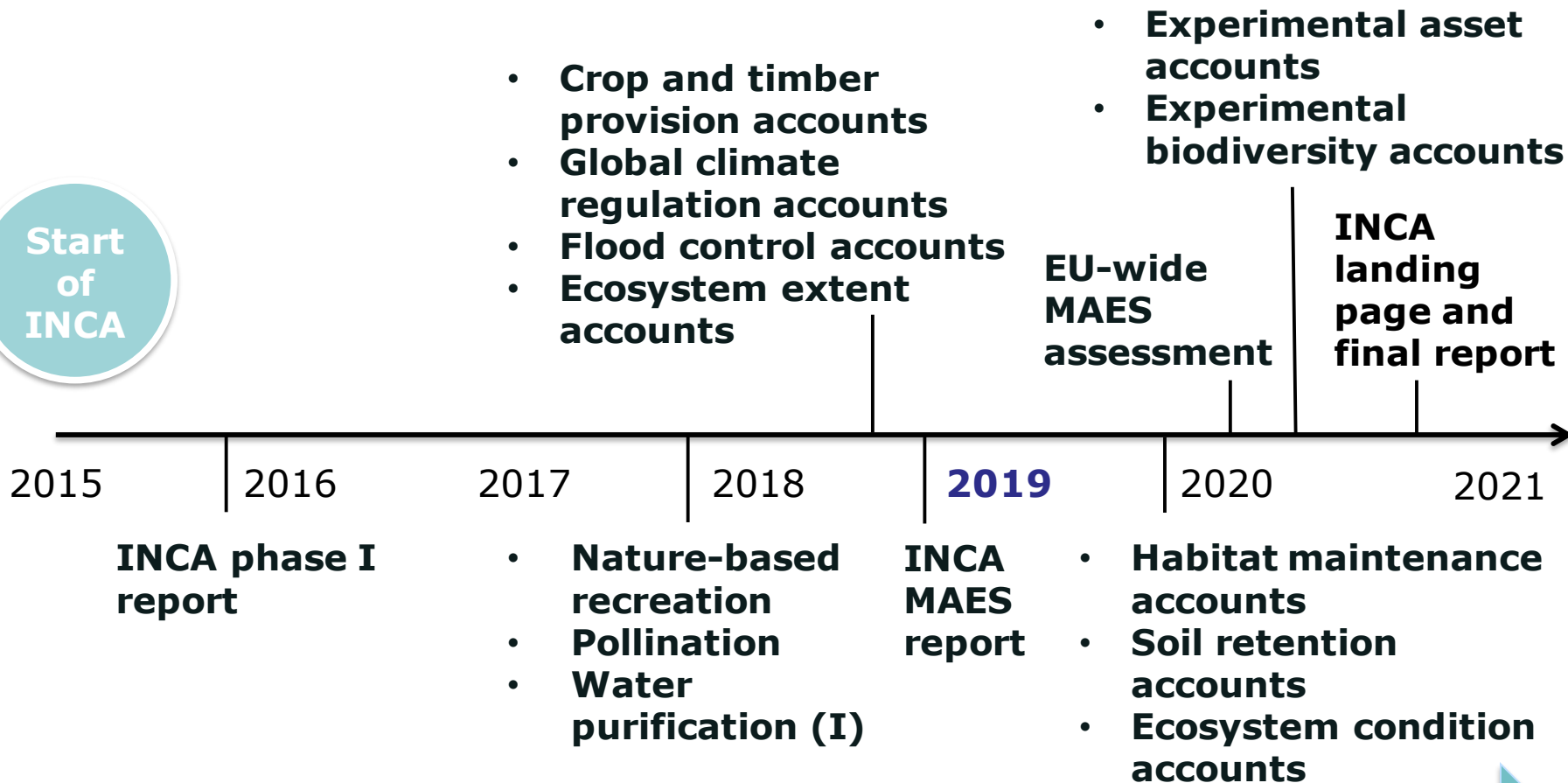
Operation of information systems, modelling ecosystem services, developing ecosystem services accounts



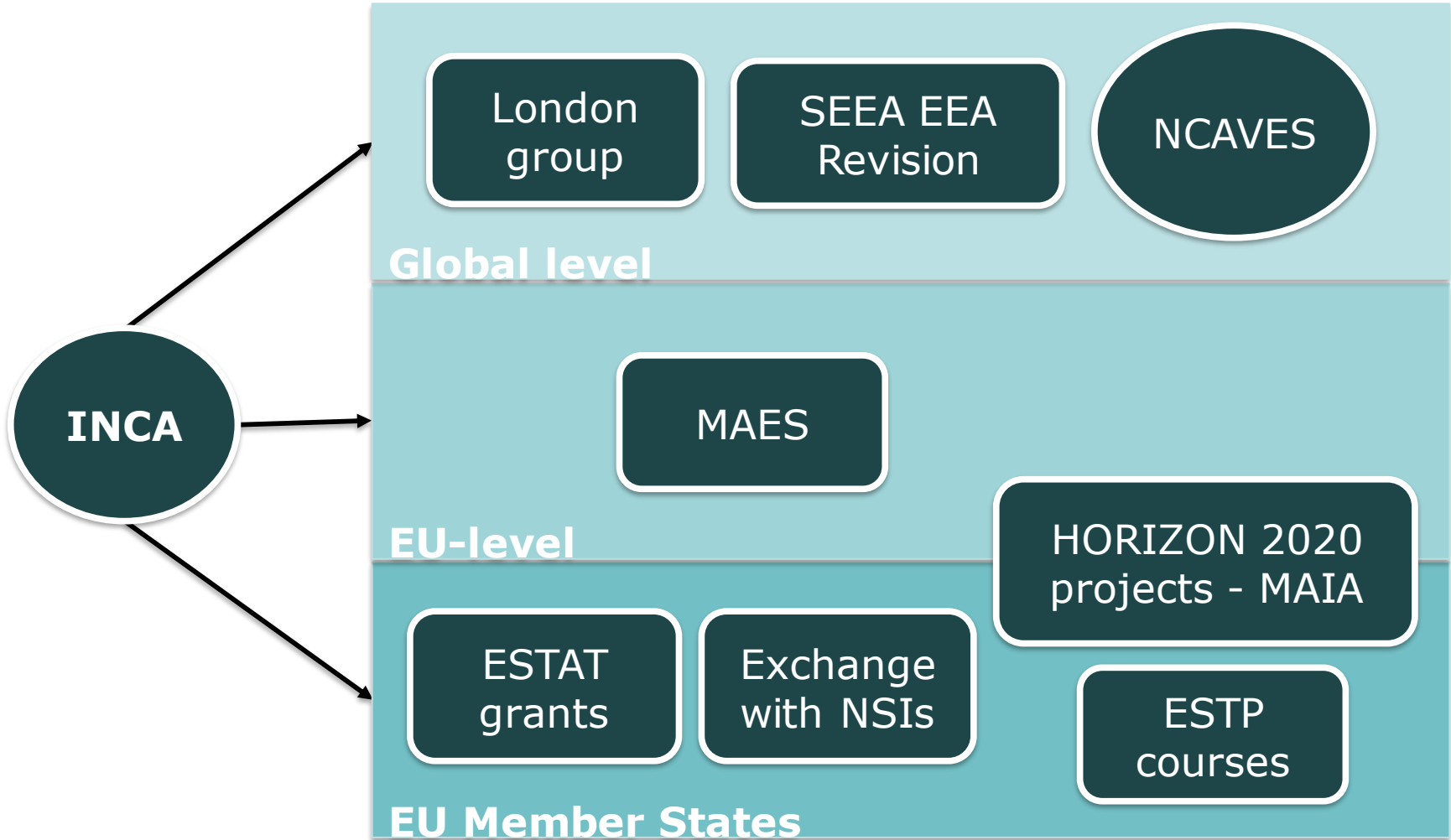
# INCA – timeline and deliverables

**Feasibility and design phase**

**Implementation phase – building an EU ecosystem accounting system**



# INCA supports a community of practice

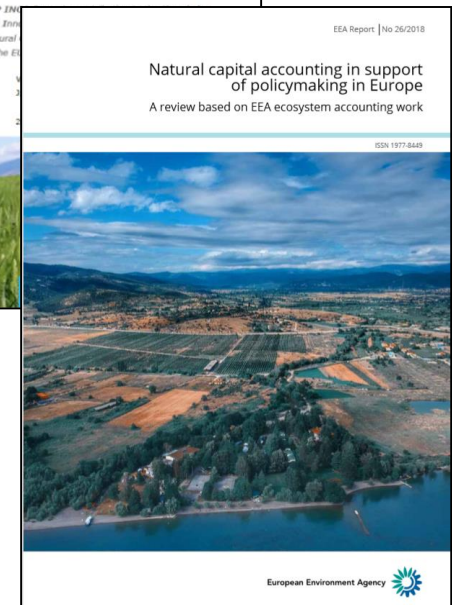
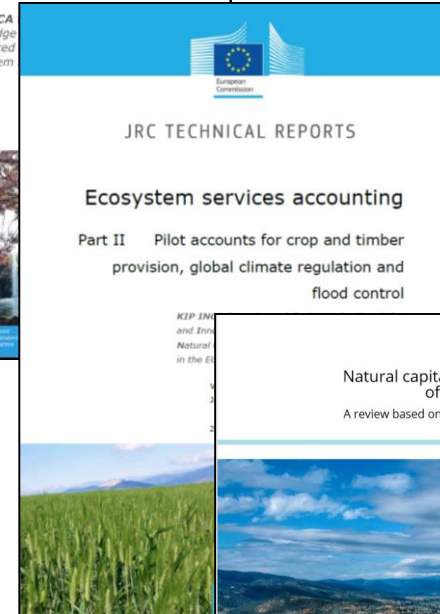
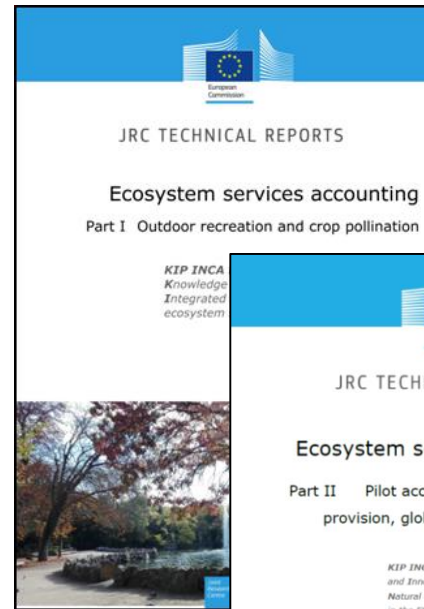


# EU-level SUT for a selection of ES

Year 2012, million EUR	Ecosystem type									TOTAL
	Urban	Cropland	Grassland	Heathland and shrub	Woodland and forest	Sparsely vegetated land	Wetlands	Rivers and lakes	Coastal and intertidal areas	
<b>Ecosystem service</b>										
Crop provision		20,560								20,560
Timber provision					14,540					14,540
Global climate regulation	20	150	850	20	13,330	20	0	NA	NA	14,390
Flood control	90	1,020	3,130	360	11,390	0	330	NA	NA	16,320
Crop pollination		9,720								9,720
Nature-based recreation	80	4,070	7,480	3,100	30,720	1,350	2,300	1,020	280	50,400
<b>VALUE (EUR million)</b>	190	35,520	11,460	3,480	69,980	1,370	2,630	1,020	280	125,930
<b>VALUE (EUR/km<sup>2</sup>)</b>	880	22,090	22,610	19,250	44,010	23,410	26,890	9,320	14,530	28,740

Year 2012, million EUR	Economic units						TOTAL
	Primary sector					Global society	
<b>Ecosystem service</b>	Agriculture	Forestry	Industry	Services	Households		
Crop provision	20,560						20,560
Timber provision		14,540					14,540
Global climate regulation						14,390	14,390
Flood control	800	0	2,400	1,390	11,730		16,320
Crop pollination	9,720						9,720
Nature-based recreation						50,400	50,400
<b>VALUE (EUR million)</b>	31,080	14,540	2,400	1,390	62,130	14,390	125,930

# Thank you!



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<https://ec.europa.eu/eurostat/web/environment/methodology>

<https://ec.europa.eu/eurostat/documents/1798247/6079569/Leaflet+2019+%E2%80%93+The+INCA+project/>