

COMMON AGRICULTURAL POLICY

post-2020

The new green architecture
Research & Innovation

DG AGRI, European Commission
Emmanuel Petel & Susana Gaona Sáez
European Conference on Crop Diversification

20 September 2019

#FutureofCAP

#HorizonEU

I. Key elements of the reform



CAP SPECIFIC OBJECTIVES ON THE ENVIRONMENT & CLIMATE

The essence:



Climate
change

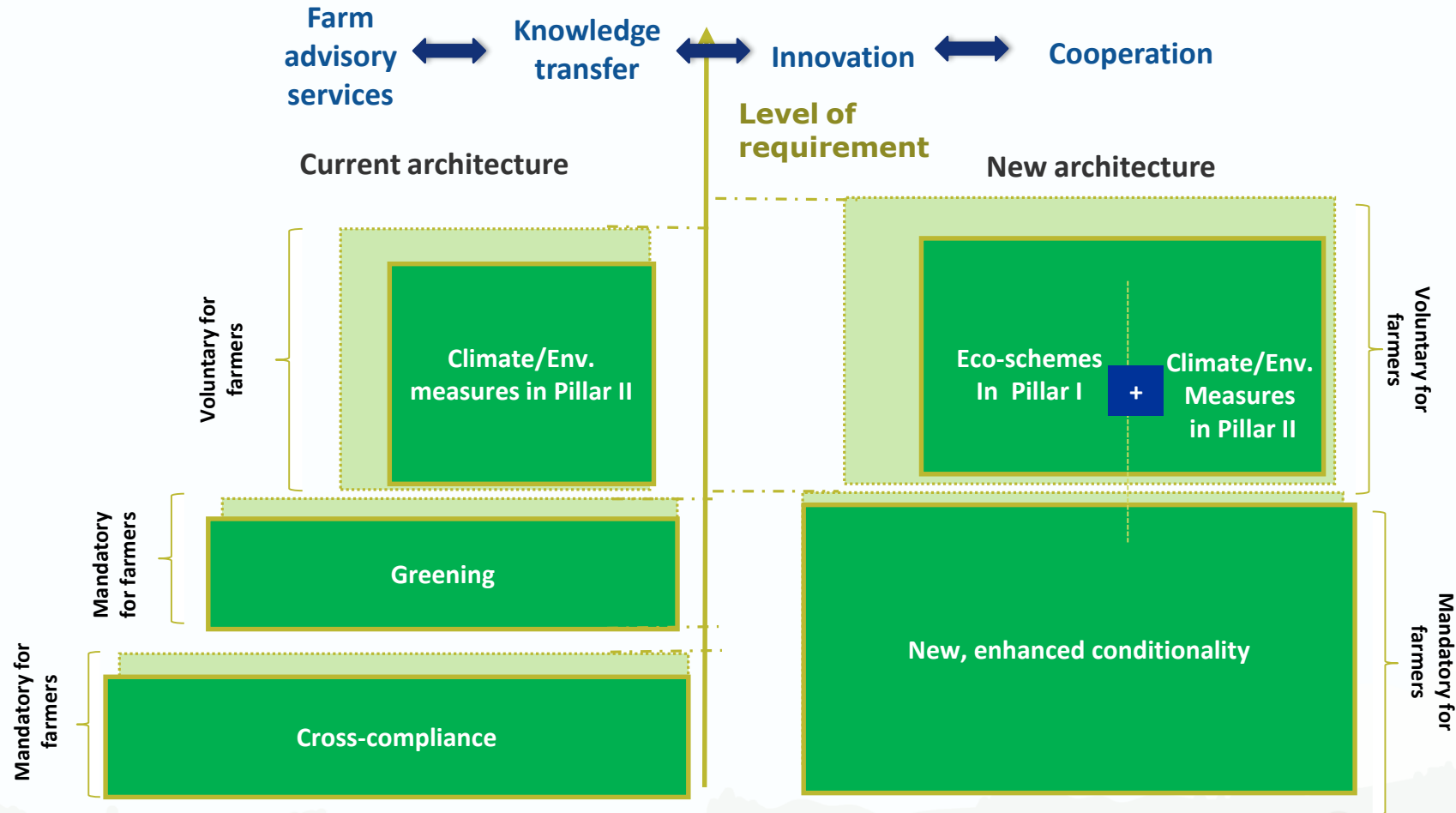


Natural
resources



Biodiversity and
landscapes

CURRENT VS NEW GREEN ARCHITECTURE





CONDITIONALITY: OVERVIEW

Environment and climate

- Birds and Habitats Directives
- **Water Framework Directive**
- Nitrates Directive

- GAEC Standards on:
- climate change
 - water
 - soil
 - biodiversity and landscapes

Public, animal and plant health

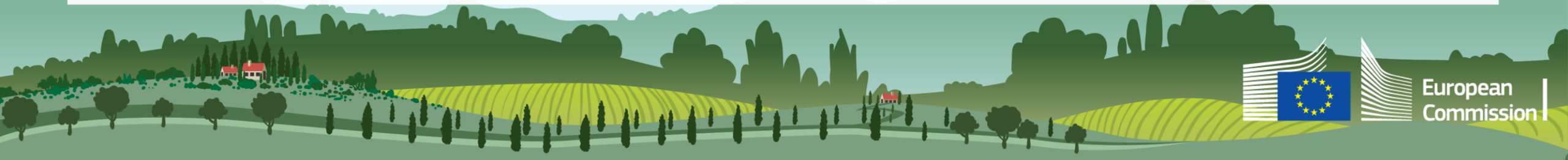
- Animal Identification & Registration
- Pesticides authorisation Regulation
- **Directive on the sustainable use of pesticides**
- Hormones ban Directive
- General Food Law
- Notification of diseases

Animal welfare

- Directives for the protection of:
- Calves
 - Pigs
 - Animals kept for farming purposes

Farm advisory services (embedded in AKIS)

- Conditionality
- EU legislation on biodiversity, water, air and use of pesticides
- Antimicrobial resistance
- Risk management
- Innovation support



CONDITIONALITY: BALANCED AMBITION



CLIMATE CHANGE
ACTION



Natural
ressources



PRESERVE
LANDSCAPES &
BIODIVERSITY



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CONDITIONALITY: BALANCED AMBITION

CLIMATE CHANGE
(mitigation and
adaptation)

GAEC 1: Maintenance of permanent grassland

GAEC 2: Protection of wetland & peatland

GAEC 3: Ban on burning arable stubble



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Natural
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WATER

GAEC 4: Establishment of buffer strips along water courses

GAEC 5: Use of Farm Sustainability Tool for Nutrients



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SOIL
(protection and quality)

GAEC 6: Tillage management and slope consideration
GAEC 7: No bare soil in most sensitive period(s)
GAEC 8: Crop rotation (**instead of crop diversification**)





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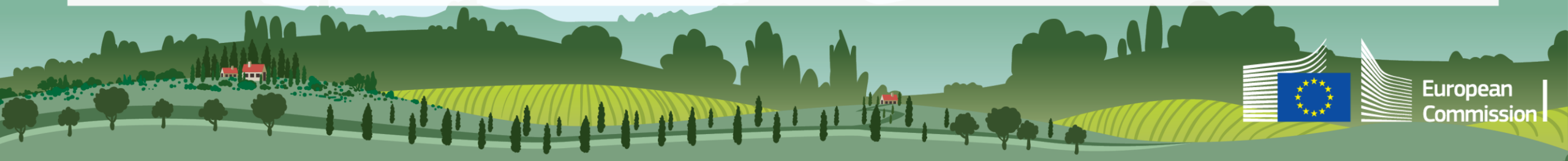


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BIODIVERSITY & LANDSCAPE

- GAEC 9: Share of arable land devoted to non-productive areas
- GAEC 10: Ban on converting permanent grassland in Natura 2000





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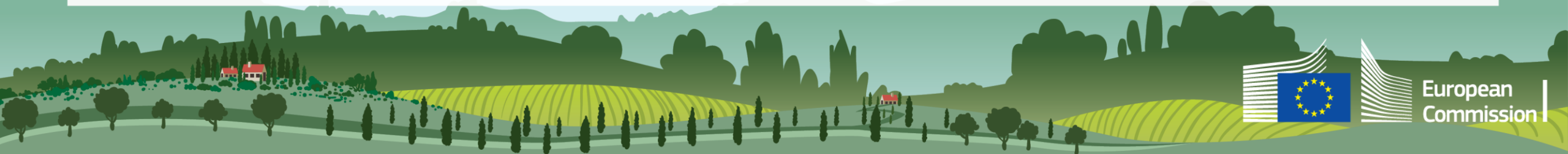
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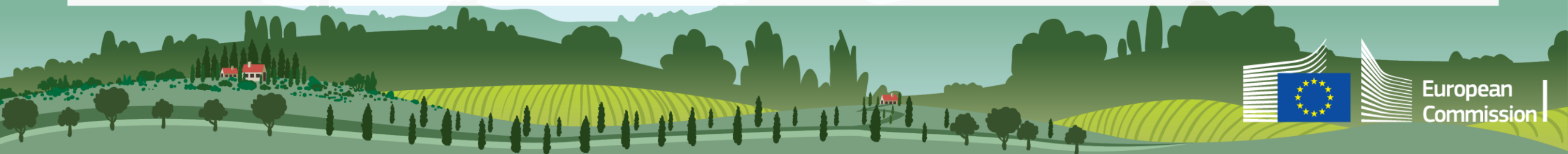


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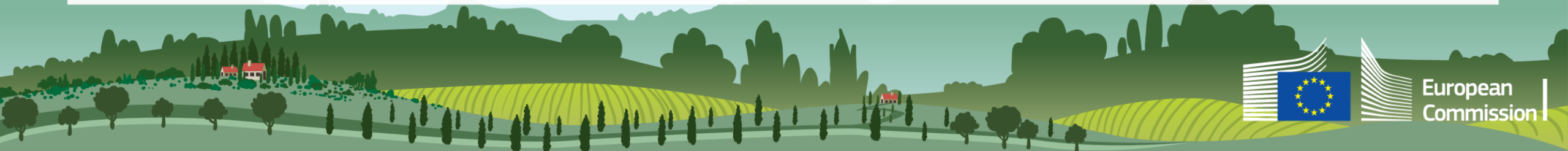
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European Commission



CLIMATE CHANGE ACTION

CONDITIONALITY: BALANCED AMBITION

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Previously greening

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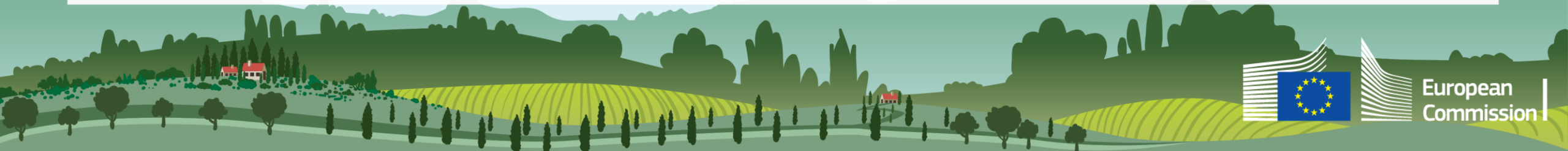
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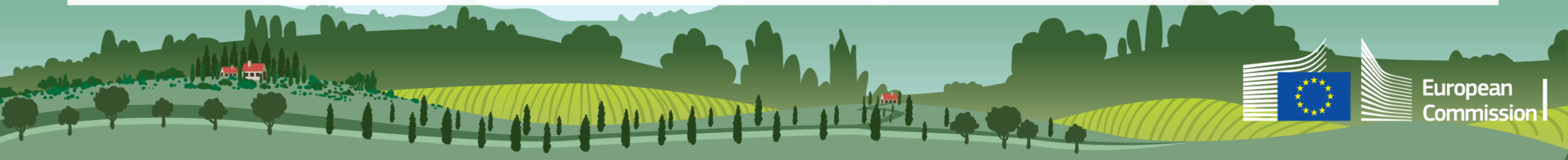
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PILLAR I "ECO-SCHEMES"

- New way of spending Pillar I funding on the environment and climate (i.e. without co-financing)
- Can be useful to design a scheme that is attractive to a larger number of farmers – and will help achieve a higher level of ambition
- **Mandatory for MS, voluntary for farmers**
- **May target areas in which MS has particular challenges (e.g. emissions or nitrates or biodiversity)**
- Annual commitments and payments – **can be useful feature**
- **MS have flexibility over content of eco-schemes...**
- **...and flexibility over payment – possibility of incentives**
 - environmental “top-ups” to basic income support; or compensation payments based on costs incurred, income foregone

PILLAR II

- Full range of relevant Pillar II support remains available...
- Key relevant support types:
 - Payments for management commitments (including agri-environment-climate commitments)
 - Payments to compensate for constraints (natural, or related to Natura 2000 / Water Framework Directive)
 - Support for investments, knowledge transfer, innovation, co-operation
- "Negative list" for investment support (unsustainable irrigation & forestry)



ECO-SCHEMES & ENVIRONMENTAL-CLIMATE COMMITMENTS

SCHEMES FOR THE CLIMATE AND THE ENVIRONMENT – ECO-SCHEMES (ART 28)	ENVIRONMENT, CLIMATE AND OTHER MANAGEMENT COMMITMENTS (ART 65)
Funded by Pillar I (annual, not co-funded)	Funded by Pillar II (multiannual, co-funded)
Payments to genuine farmers	Payments to farmers and other beneficiaries
Payment per hectares eligible to direct payment	Payment per hectares (not necessarily eligible to direct payments)/ animal
Annual (or possibly multiannual)	Multiannual (5 to 7 years or more) and contractual commitments
Compensation for cost incurred/income foregone, or Incentive payment: top-up of basic income support (amount to be fixed and justified by MS)	Compensation for cost incurred/income foregone



Key steps towards the CAP Strategic Plan

1/ SWOT analysis ← Context (impact) indicators



2/ Identification, prioritisation and ranking of needs

In relation with EU legislation on water, air, biodiversity, climate change, energy and pesticides



3/ Intervention strategy



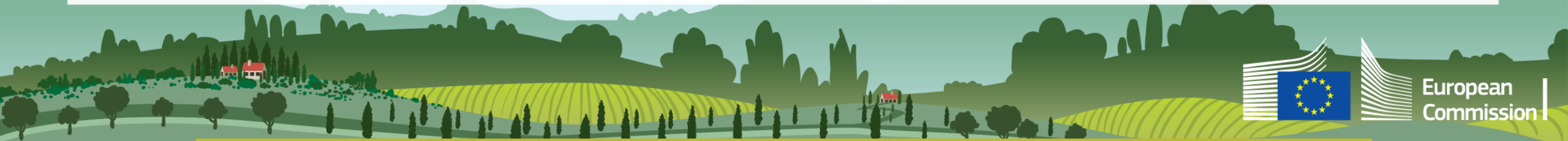
Setting GAEC standards



Selection of the interventions and financial allocations



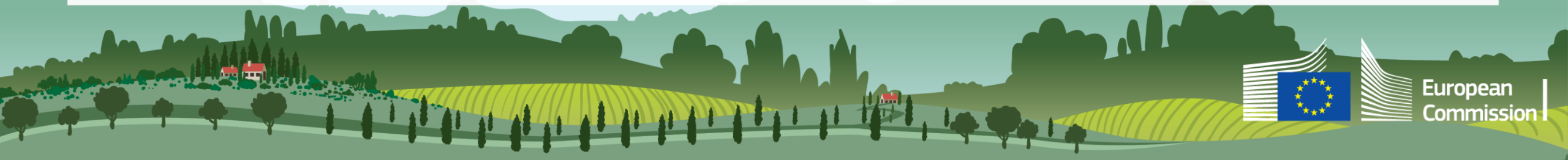
Targets for result indicators





BUDGET ALLOCATION

- EAGF: No ring-fenced spending (but MS must provide for Pillar I eco-schemes in CAP plans)
- EAFRD:
 - At least 30% of each MS's EAFRD funding to be spent on interventions addressing the three environment- and climate-related specific objectives (exclusion of areas facing natural constraints (ANCs).
- Possibility to transfer funds between Pillars (15% + 15% for the environment/climate)



II . New opportunities for Agro-ecology system



Specific objective: Foster sustainable development and efficient management of natural resources such as water, soil and air

Soil Thematic Strategy

SWOT analysis: Outcomes of the needs assessments

1. Need of improvement of soil quality, increase SOC and water retention
2. Need for soil erosion protection



Pillar II

- Collective actions on agriculture conservation
- Investments for sowing on residues/direct seeding
- Knowledge and innovation

Eco-scheme

- Whole farm conversion to zero tillage
- Cover crop after harvesting
- Mixed cropping system

Basic Income Support for Sustainability

- GAEC 6 (tillage management)
- GAEC 7 (no bare soils)
- GAEC 8 (crop rotation)
- GAEC 5 (FaST)
- GAEC 7 (cover % UAA)

Setting of targets, e.g :

. R18 / Improving soils: Share of agricultural land under management commitments beneficial for soil management



Consistency of intervention to be checked with **conditionality** + links to be ensured between interventions, targets

Specific objective: Foster sustainable development and efficient management of natural resources such as water, soil and air

Directive on sustainable use of Pesticide

SWOT analysis: Outcomes of the needs assessments

1. Need for water quality protection
2. Need for a response to societal demand on food quality
3. Need of improvement of biodiversity



Pillar II

- Use of Integrated Pest Management (beyond SUD)
- Reduce or ban of use of pesticides
- Long multiannual rotation and diversified crops
- Payment for training and advice

Eco-scheme

- Diversified crops on the rotation including leguminous (beyond GAEC 8)
- Specific management or establishment of non-productive areas on agricultural (Beyond GAEC 9)

Basic Income Support for Sustainability

- GAEC 6 (tillage management)
- GAEC 8 (crop rotation)
- GAEC 9: protection features and mandatory biodiversity area

SMR 1- Water Framework Directive
SMR12- 13 Pesticide legislation

Setting of targets, e.g :

. R.20 Protecting water quality, R37 Sustainable use of pesticides

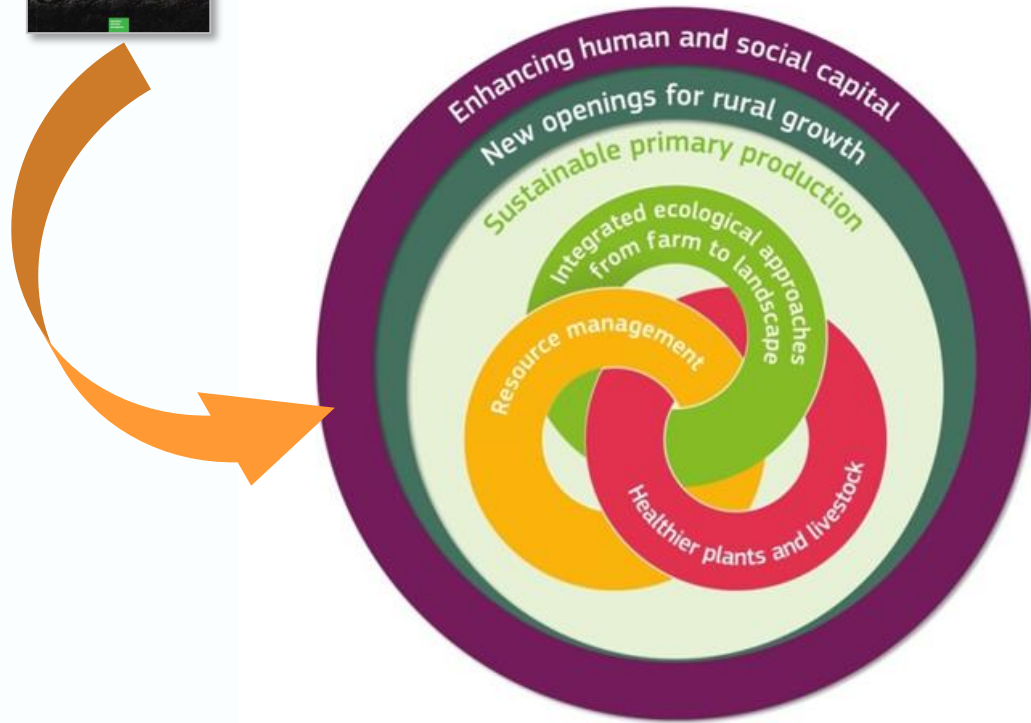
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II . Agriculture as a R&I topic



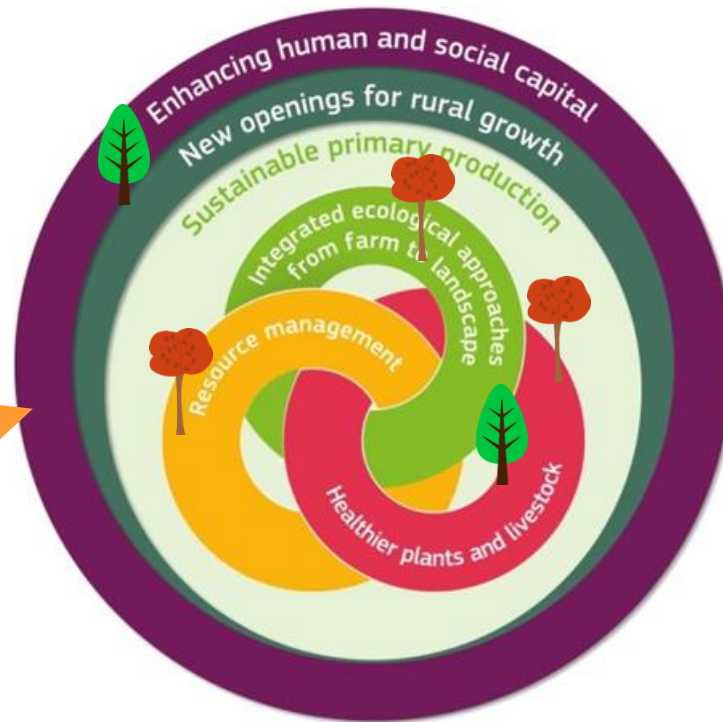


2016: "A strategic approach to EU agricultural research and innovation"





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- **Five priorities**
- **Crop diversification relevant for all of them**



Current framework (2014-2020)

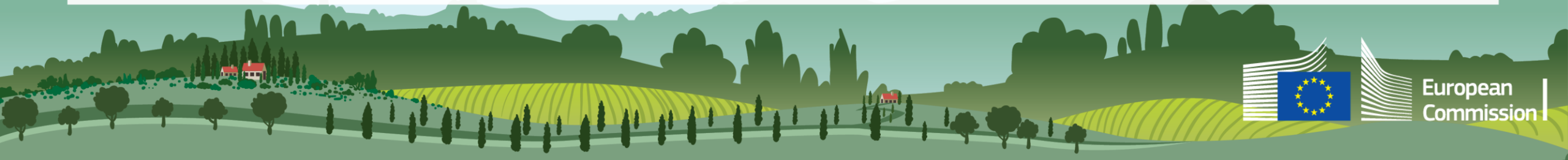


DIVERFARMING



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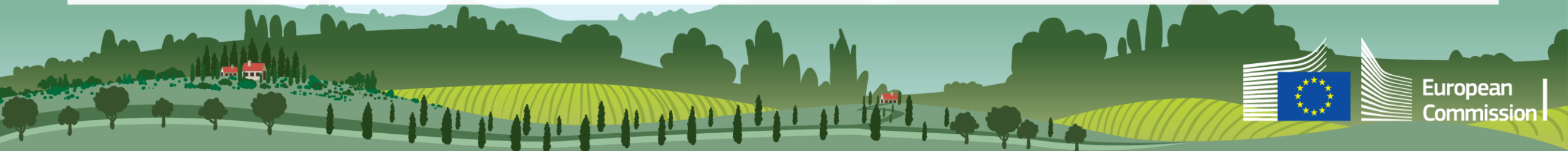
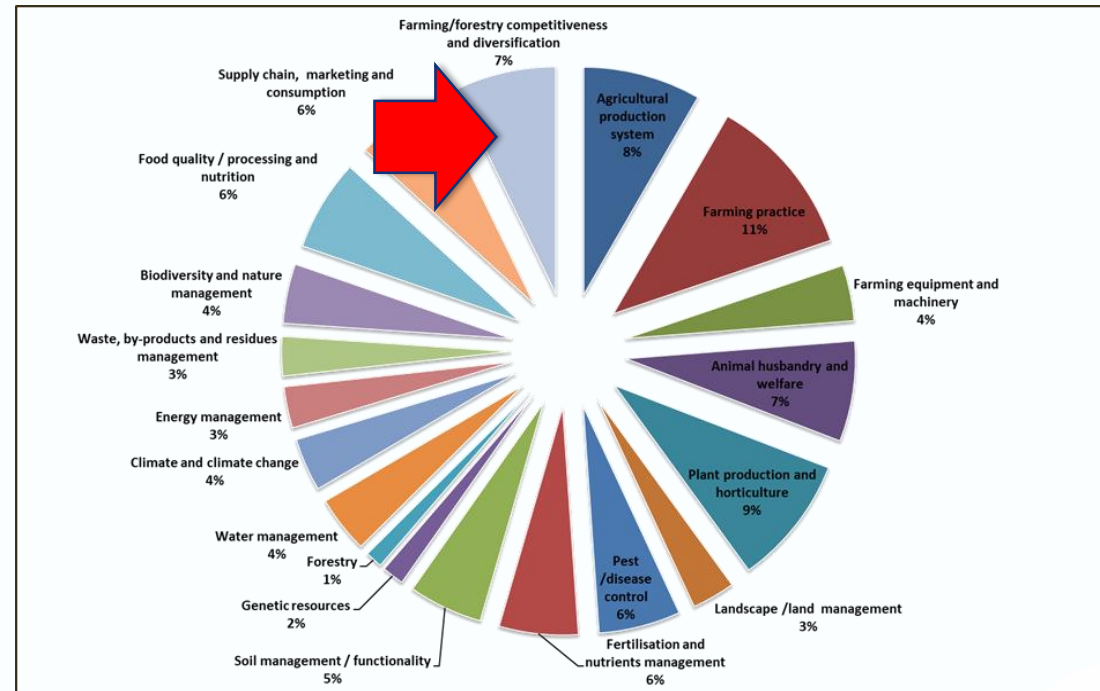


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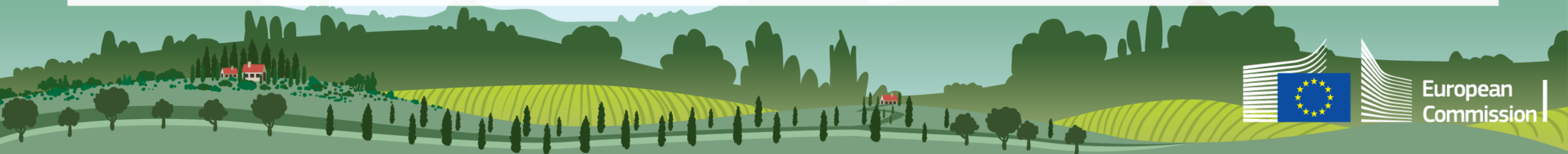
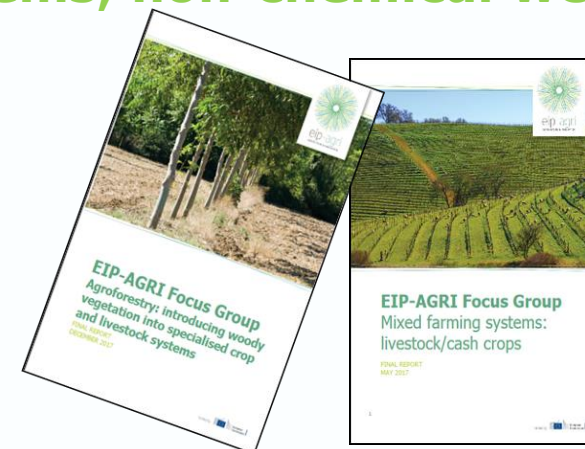
Operational Groups (PT, AT, NL, ES, DE, IT)





Current framework (2014-2020)

- **Focus Groups: agroforestry, mixed farming systems, non-chemical weed management, etc**
- **Workshops, seminars, conferences:**
 - ❖ **Workshop “Cropping for the future” (June 2019)**
 - ❖ **Agri-Innovation Summit 2019 (June 2019)**



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Next framework (2021-2027): Horizon Europe

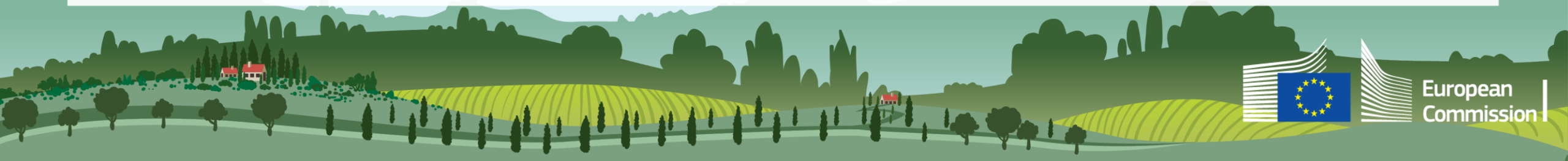
Strategic planning has started:

- Public consultation (until 4 October)
- R&I Days (Brussels, 24-26 September)
- Roadmaps on key R&I topics
- Preparation of first work programme of Horizon Europe



Partnership on agroecology and living labs

Mission on soil health and food



Next framework (2021-2027): Horizon Europe



Public consultation on orientations of Horizon Europe:

https://ec.europa.eu/info/news/have-your-say-future-objectives-eu-funded-research-and-innovation-2019-jun-28_en

R&I Days:

https://ec.europa.eu/info/research-and-innovation/events/upcoming-events/european-research-and-innovation-days_en

