



Tillage, Horticulture, Forestry and Environment Roadmaps

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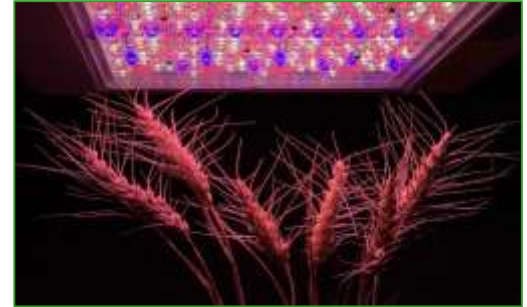
Tillage Crops - Targets

- Increase yields 1% p.a.
- 50% of produce going into premium markets/break crops
 - Oats and oilseed rape food markets
 - Cereals in drinks industry
 - Beans and pulses
- Reduce reliance on PPPs
- Reduce the costs of production



Tillage Crops - Activities

- Support development of more resilient varieties
- ↑Yield by understanding and managing soils and crops
- ↓Costs – NUE, IPM and machinery
- Develop precision farming
- Develop high value markets



Forestry Targets

- Target 8,000 ha p.a. afforestation
- Private sector timber from 1 million m³ to 3.35 million m³ by 2027
- >4 million m³ needed to meet demand for sawlog and stakes
- Sustainable - economically, socially and environmentally
- ↑ environmental benefits, particularly carbon sequestration, biodiversity and water quality;



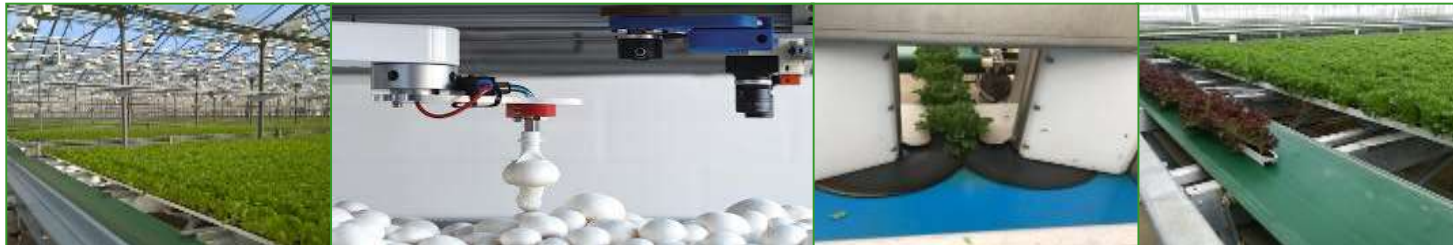
Forestry Activities

- Improvement of tree planting material – leading to increasing efficiency, resilience and adaptation to climate change
- Update information on land availability for forests and forest types
- Improve forest management protocols and understand potential of alternative models including agroforestry, continuous cover forestry
- Circular bio economy - Innovation in wood and timber products



Horticulture Targets

- 2027 - 400 growers, >€500million farm gate value
- Adoption of technologies to reduce labour needs and cost
- Exploit the demand for whole foods and plant-based nutrition
- Increase economic and environmental sustainability.



Horticulture Activities

- Create diversity in the nursery stock/cut foliage sector
- Development of market opportunities for edible horticultural products e.g. Apples
- Support producers in sustainable production techniques - integrated pest management (IPM) in crop production



Environment – Gaseous emissions

Targets

- >75% slurry by LESS
- 50% N as protected Urea
- GHG 17.5-19 Mt
- Ammonia 110kT



Activities

- National Soil Carbon Observatory
- Mitigation research
- Updating MACCs
- SignPost Farm programme



Environment – Soils and Nutrients

Targets

- NUE \uparrow 3%
- P index 1 < 25%
- Soil specific nutrient Advice
- For stocking rate >100 kg N/ha
 - 60% mineral soils >pH6.2
 - 75% of farmers have a NMP



Activities

- Soil health and fertility research
- Updating NMP On-line and App



Environment – Water Quality

Targets

- Halt decline in high-status
- Good or high status 53% → 65%



Activities

- Pathway and residence research
- Mitigation measures research
- ACP
- ASSAP

Environment – Biodiversity

- Evaluate multi-species swards
- Improve management of farmland habitats
- Restoration of Annex 1 habitats and species to favourable conservation status by 2027
- Include biodiversity in the assessment of farm scale sustainability

