



European
Commission

The European Commission's initiative on plants obtained by certain new genomic techniques

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*ISTA Seminar
From Biodiversity to Diversification: resources, tools and technologies to meet new challenges.
Verona, 29 May 2023*



Context of the initiative



Farm to Fork Strategy

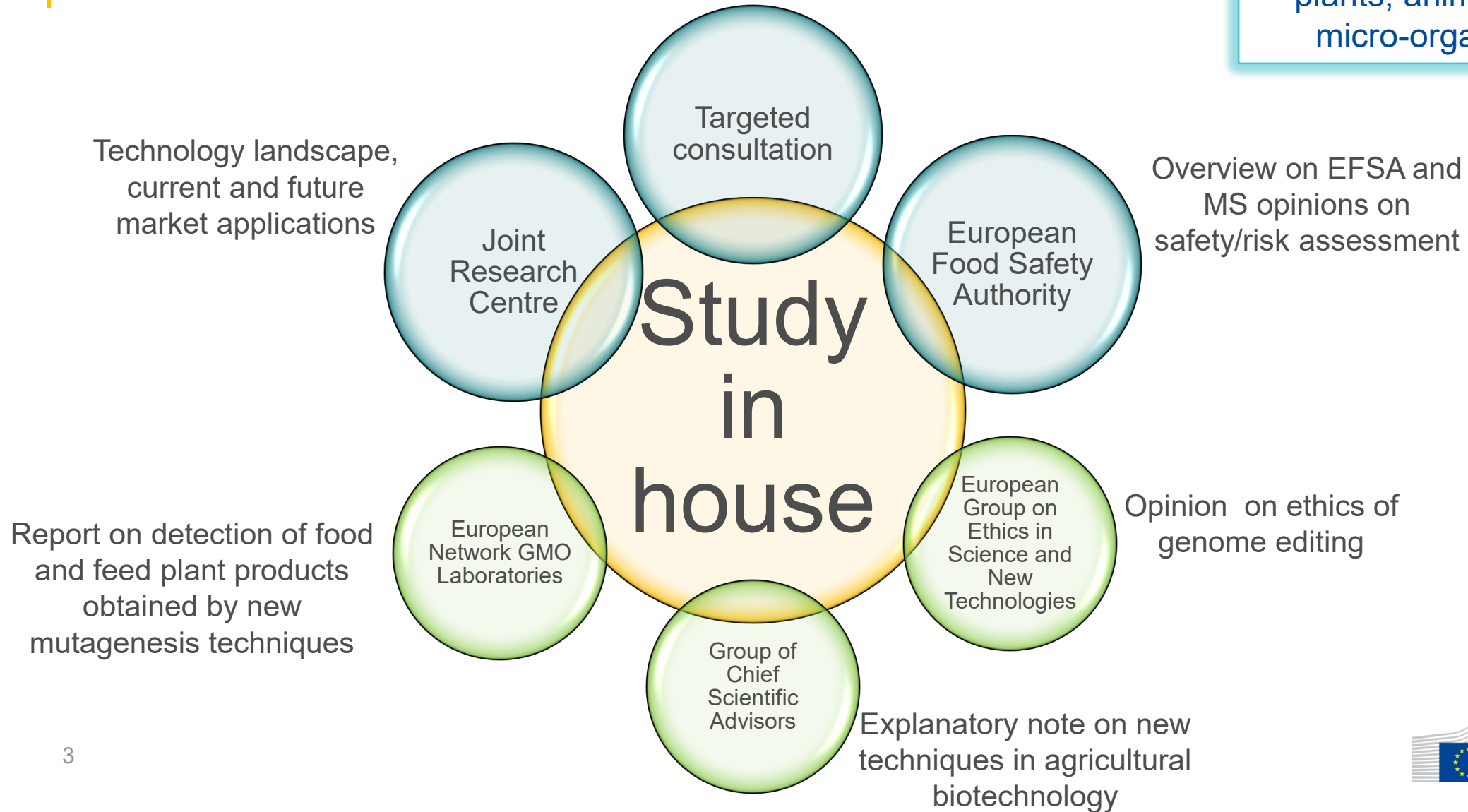


April 2021 - Commission study on new genomic techniques



Commission NGT study

Agri-food, medicinal and industrial applications in plants, animals and micro-organisms



Main conclusions of the NGT study



- Area of fast scientific and technical developments.
- Current regulatory oversight and risk assessment requirements are not tailored to the diversity of products.
- NGTs can contribute to Green Deal and Farm to Fork objectives, as well as to a more competitive economy.
- Concerns expressed should be addressed in any future action. NGT agricultural applications should not undermine other aspects of sustainable food production, e.g. organic agriculture.

Scope and objectives of the Commission's initiative on NGTs



Scope

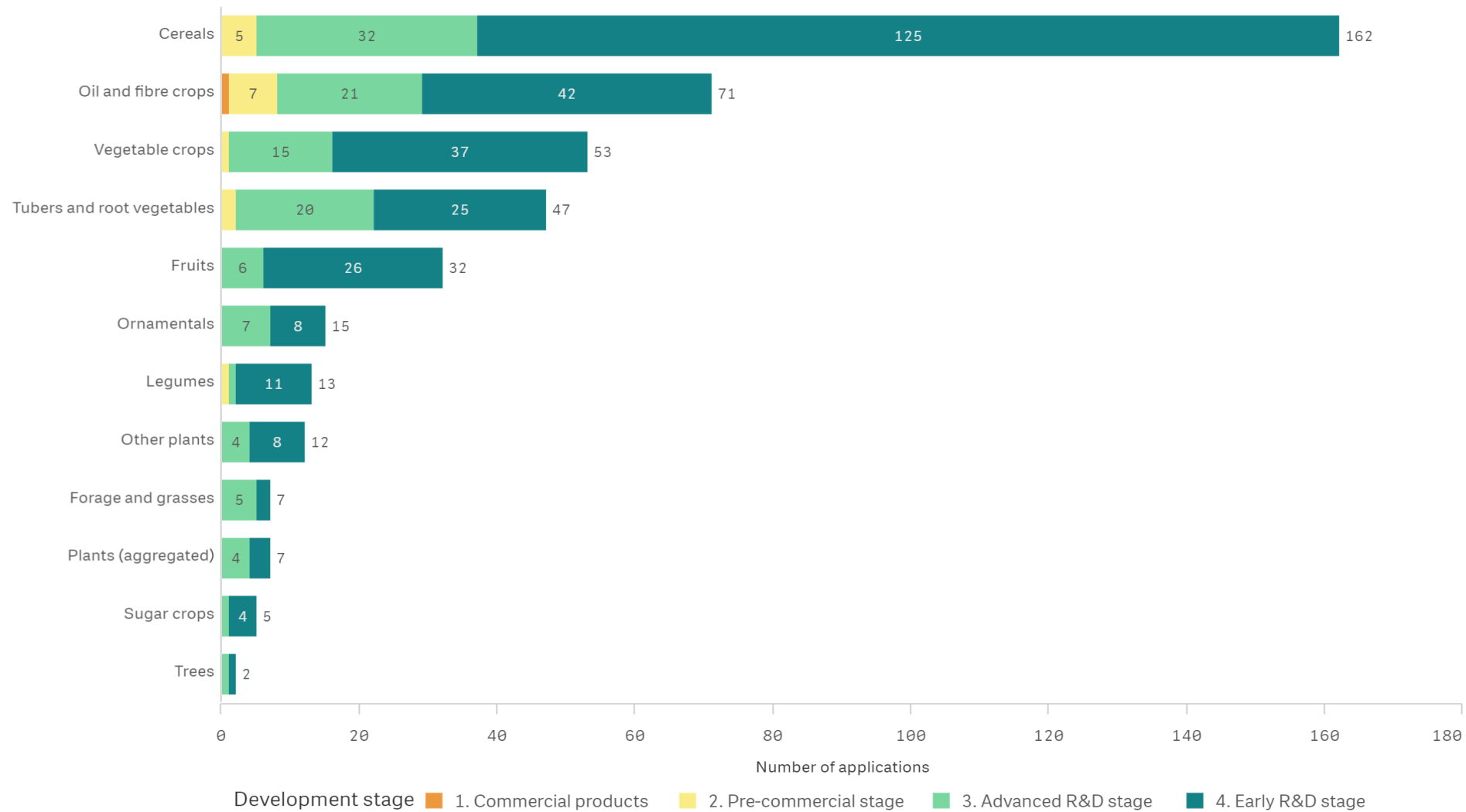
Plants, and their food and feed products, produced by **targeted mutagenesis and cisgenesis**



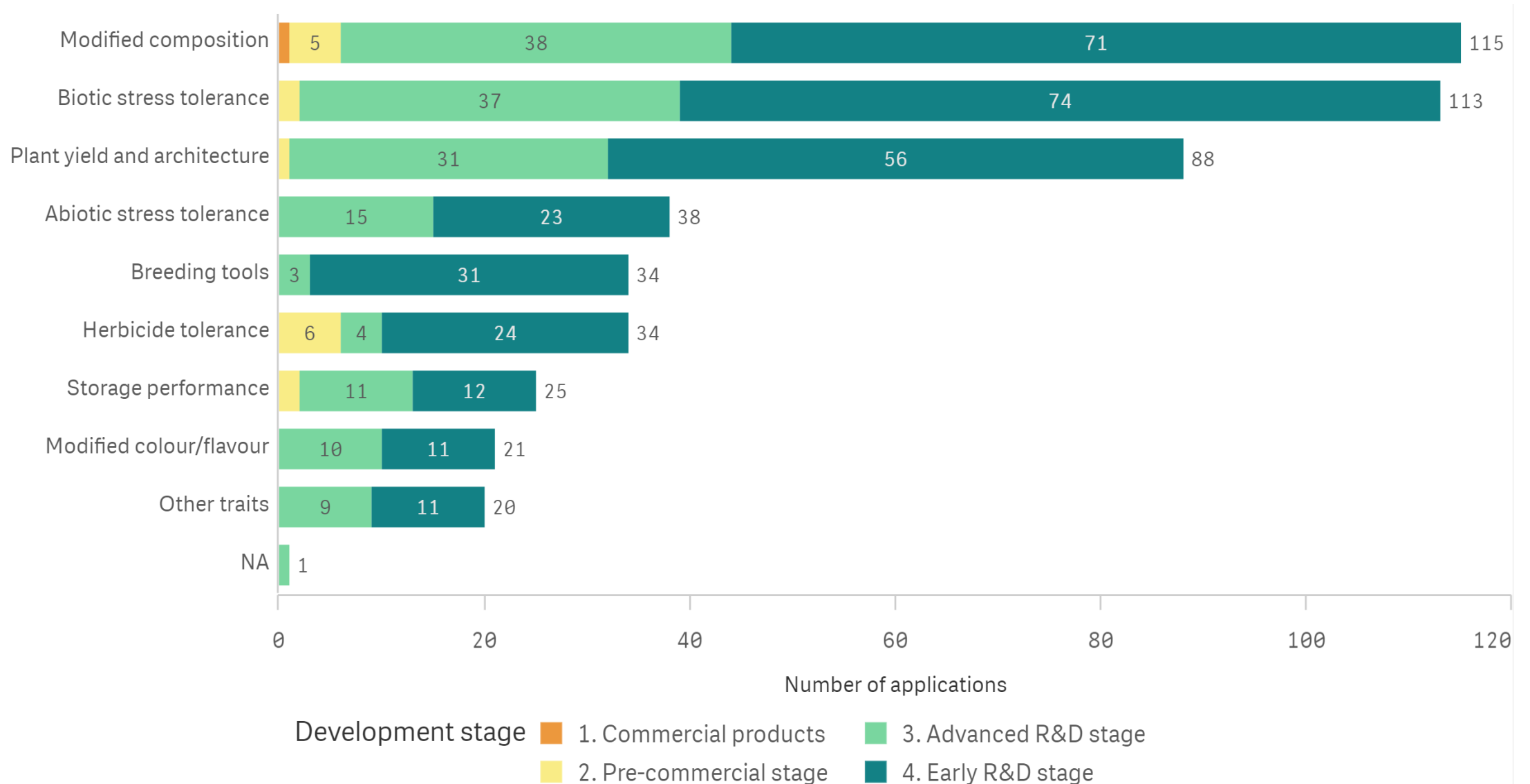
Objectives

Ensure high level of **protection of human and animal health and the environment**
Reap **benefits from innovation**, in particular to contribute to the goals of the Green Deal and Farm to Fork Strategy

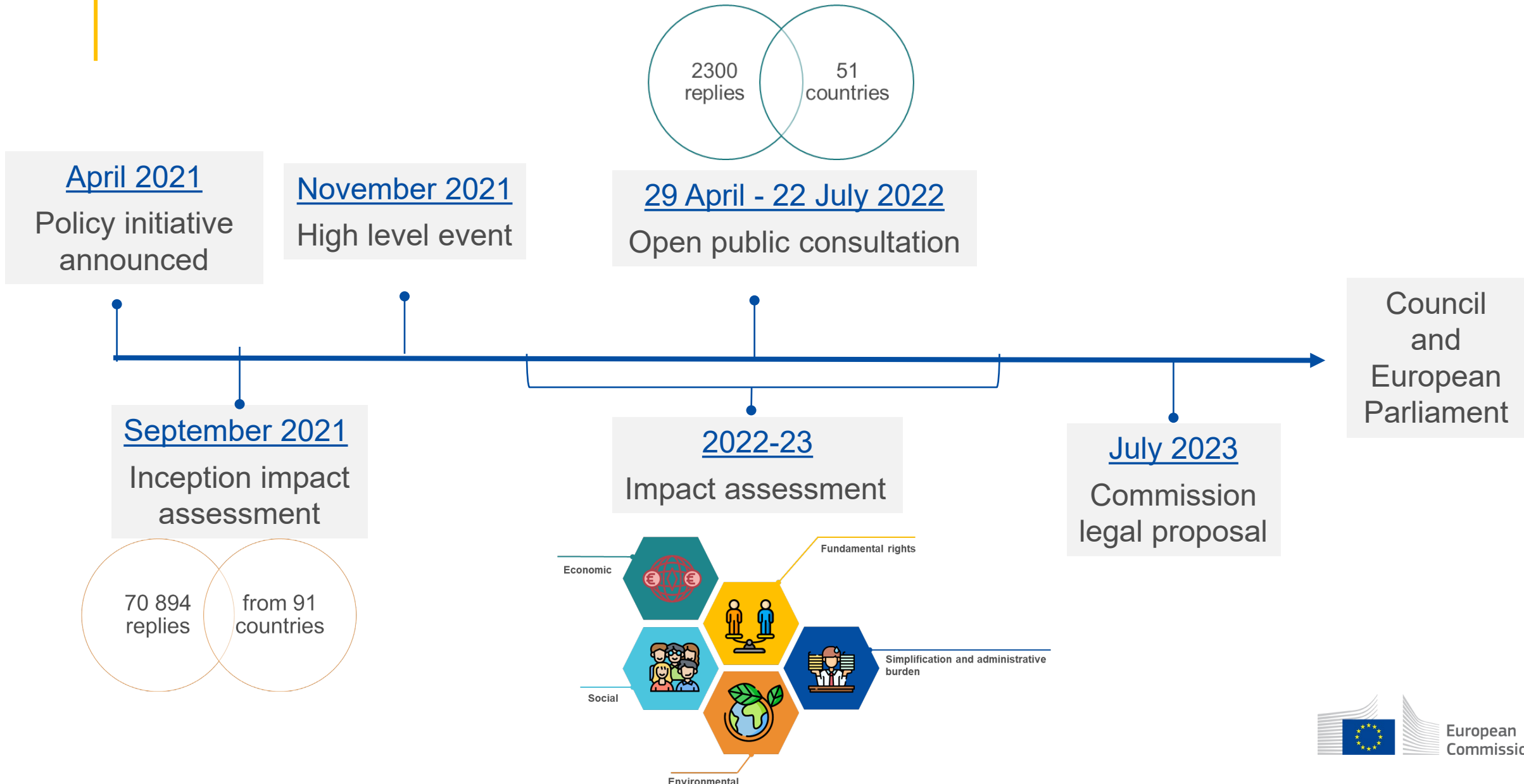
NGTs plants – applications by crop groups



NGT plants – applications by traits



Process and timeline



Impact assessment



- Open public consultation
- Targeted stakeholder consultation (survey, interviews, focus groups)
- EFSA and JRC technical contributions

Impact assessment: Policy elements



Risk
assessment and
approval



Sustainability



Traceability



Information

Additional issues

Coexistence

Regulatory mechanisms to steer research and development to NGT plants that will deliver societal benefits

Access by SMEs and small players, IP issues

Public awareness and consumer expectations

Monitoring of impacts

Trade

Thank you

Follow the initiative at:

<https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/13119-Legislation-for-plants-produced-by-certain-new-genomic-techniques>

https://food.ec.europa.eu/plants/genetically-modified-organisms/new-techniques-biotechnology_en



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Slide 4: picture, source: Gettyimages. Slides 5, 8, 9 and 10 : icons, source: Flaticon.