

Global interactive Map on Genome Editing Policies Dr Steffi Friedrichs

Sponsored by: The OECD Co-operative Research Programme: Sustainable Agricultural and Food Systems



The Problem

If you want to be informed about regulations of genome editing, don't turn to scientific academic literature!'

[Peter Thygesen, RIE Conference, 24th May 2023]



The Problem



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- At best, scientific academic papers about genome editing policies are outdated by the time they are published ...
- ... at worst, they are incorrect (from the start).

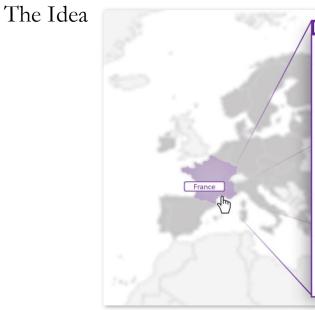
Global Conference on

Sustainability in Agriculture & Food Systems Innovation, Indicators & Implementation



Figure 1 Selected countries and regions that presented and discussed their regulatory frameworks for genome editing at the OECD Conference (28-29 June 2018); the inset illustrates the 19 EU Member States that have filed "demands for restriction of the geographical scope of a GMD application or authorisation" (see Table 2).





France (European Union

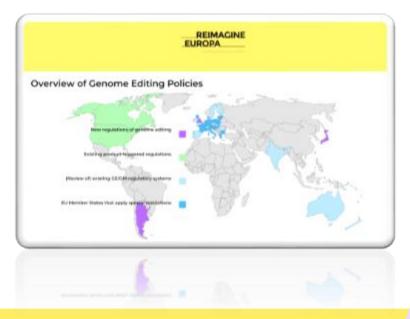
This chapter considers current Union law in the context of current discussions in the EU related to genome editing and current and upcoming developments. The Commission also identifies the following building blocks of GM

- <u>Directive 2001/18/EC</u> on the deliberate release of GMOs into the environment (European Union, Directive 2001/18/EC of the European Parliament and of the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Council Directive 90/220/EEC - Commission Declaration (EUR-Lex - 32001L0018, 2001),
- <u>Regulation (EC) 1829/2003</u> on genetically modified food and feed (European Union, Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed (Text with EEA relevance) (EUR-Lex - 32003R1829 - EN - EUR-Lex), 2003),
 - Directive [EU] 2015/412 amending Directive 2001/18/EC as regards the possibility for the Member States to restrict or prohibit the cultivation of GMOs in their territory (European Union, Directive (EU) 2015/412 of the European Parliament and of the Council of 11 March 2015 amending Directive 2001/18/EC as regards the possibility for the Member States to restrict or prohibit the cultivation of genetically modified organisms (GMOs) in their, 2015).
- Regulation (EC) 1380/2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms (European Union, Genetically modified organisms — traceability and labelling (EUR-Lex - I21170 - EN - EUR-Lex), 2003), and
- <u>Directive 2009/41/EC</u> on contained use of genetically modified microorganisms. Regulation (EC) 1946/2003 on transboundary movements of GMOs (European Union, Directive 2009/41/EC of the European Parilament and of the Council of 6 May 2009 on the contained use of genetically modified micro-organisms (Recast) (Text with EEA relevance) (EUR-Lex - 32009L0041 -EN - EUR-Lex), 2009).

European Union: GMO Legislation (accessed: 20th March 2021)



The Solution





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Thank you

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