



Regulation of GM technology

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**European Commission - DG Health and
Consumers**

GMO technology conference
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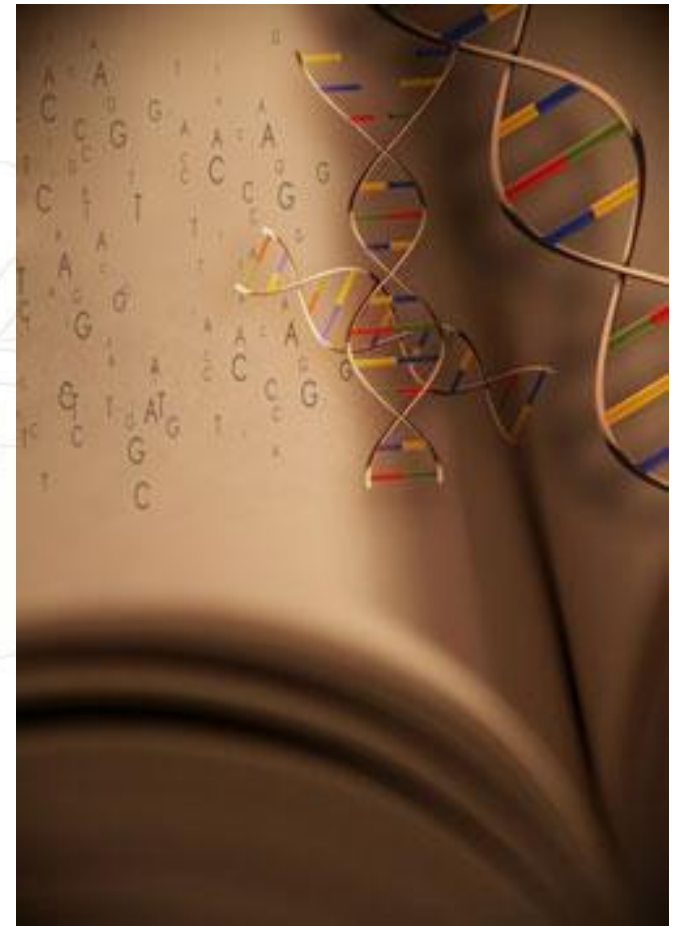
EU legislation on GMOs

✓ **Safety**

- ***Each GMO MUST be authorised***

✓ **Information Labelling**

- ***All GM food containing or produced from GMOs (e.g. oil, sugar)***
- ***All GM feed containing or produced from GMOs***



Directive 2001/18

Deliberate release of GMOs

ENVI

Risk

CULTIVATION

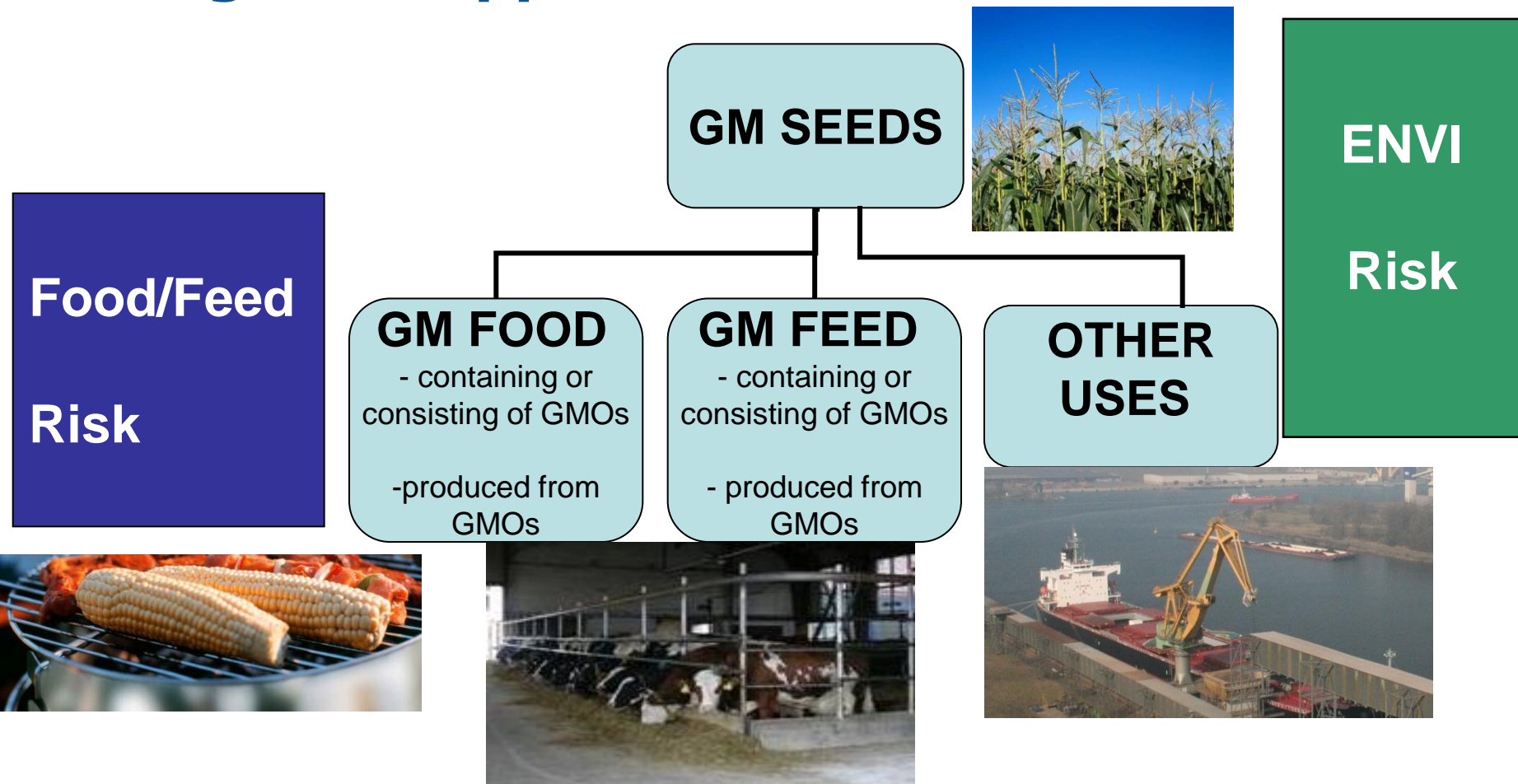
- Commercial fields
- Field trials

Import &
processing

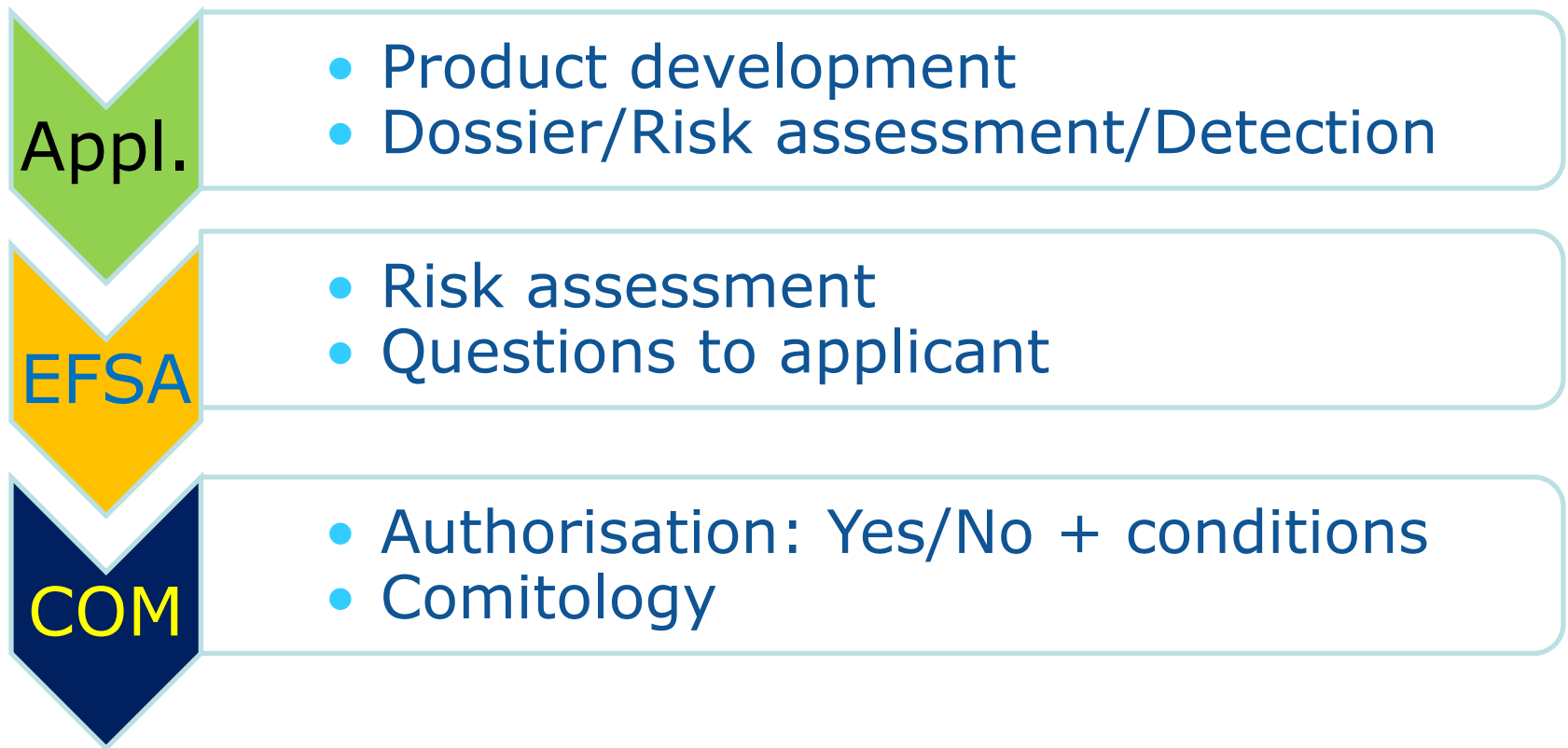


Regulation 1829/2003

Integrated approach of the Food/Feed chain



Authorisation procedure



Authorisation procedure after EFSA opinion

- **Commission proposal**
- **Vote by MS (SCFCAH)**
 - Qualified majority: adoption
 - No qualified majority: COM may convene an Appeal Committee
- **Vote in Appeal Committee:**
 - No: no authorisation
 - Yes: authorisation
 - No qualified majority: COM may adopt

Consumer information Labelling

Regulation 1829/2003 and 1830/2003

- Compulsory for food/feed containing, consisting of, or produced from GMOs regardless of the presence of modified DNA or proteins
 - In the list of ingredients if pre-packaged
 - Otherwise visible if non pre-packed
- 0,9% threshold for adventitious presence of authorised GMOs (operators responsible to take measures)

Current status of authorisations in the EU

- ***49 GMOs authorised for food/feed use***
 - 27 maizes - 1 sugarbeet
 - 7 soybeans - 3 oilseed rapes
 - 8 cottons - 1 potato
 - 2 microorganisms
- ***2 GMOs authorised for cultivation:***
 - MON810 maize
 - "Amflora" starch potato

Pending applications

- 22 GMOs are pending for cultivation and food and feed uses
- 47 GMOs are pending for new authorisation for food and feed uses
- 9 GMOs are pending for renewal of the authorisation for food and feed uses

Current actions

Food and feed

- ☐ Regulation (EC) No 503/2013 on applications for authorisation of GM food and feed (guidelines)
- ☐ Asynchronous approvals/Low Level Presence (Feed, Food)

Cultivation

- ☐ Ongoing discussions on the Regulation proposal allowing Member States to restrict or ban GMO cultivation.
- ☐ Coexistence
- ☐ 2011 report on socio-economic impacts of GMO cultivation/European GMO Socio-Economic Bureau

Labelling

- ☐ GMO free: exploratory study

Low level presence

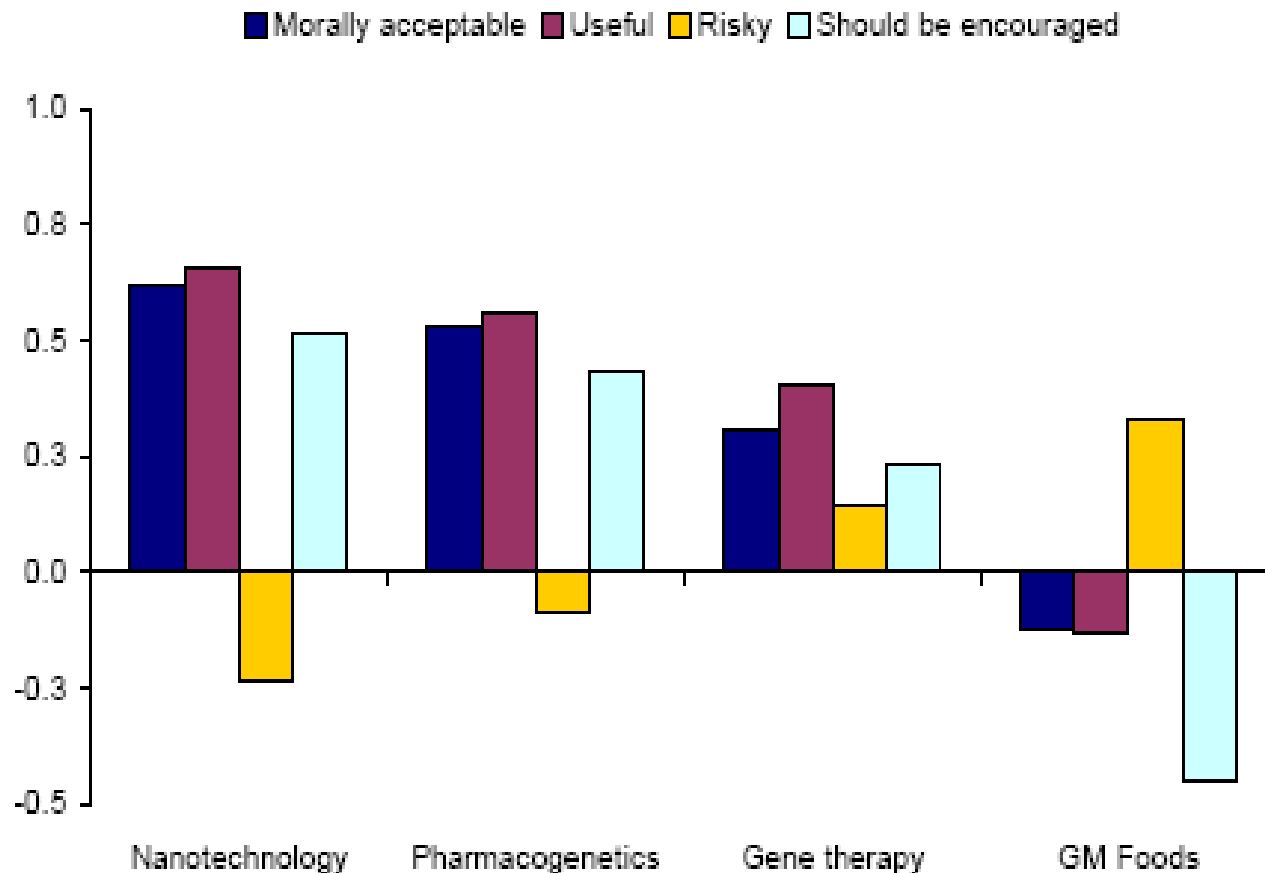
- ☐ Asynchronous
- ☐ Asymmetric

New Breeding techniques

Challenges

The societal debate

Figure 4: Evaluations of four technologies





European
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