

Regulatory frameworks and updates for food safety assessment for genetically engineered/modified animals

Report from Australia

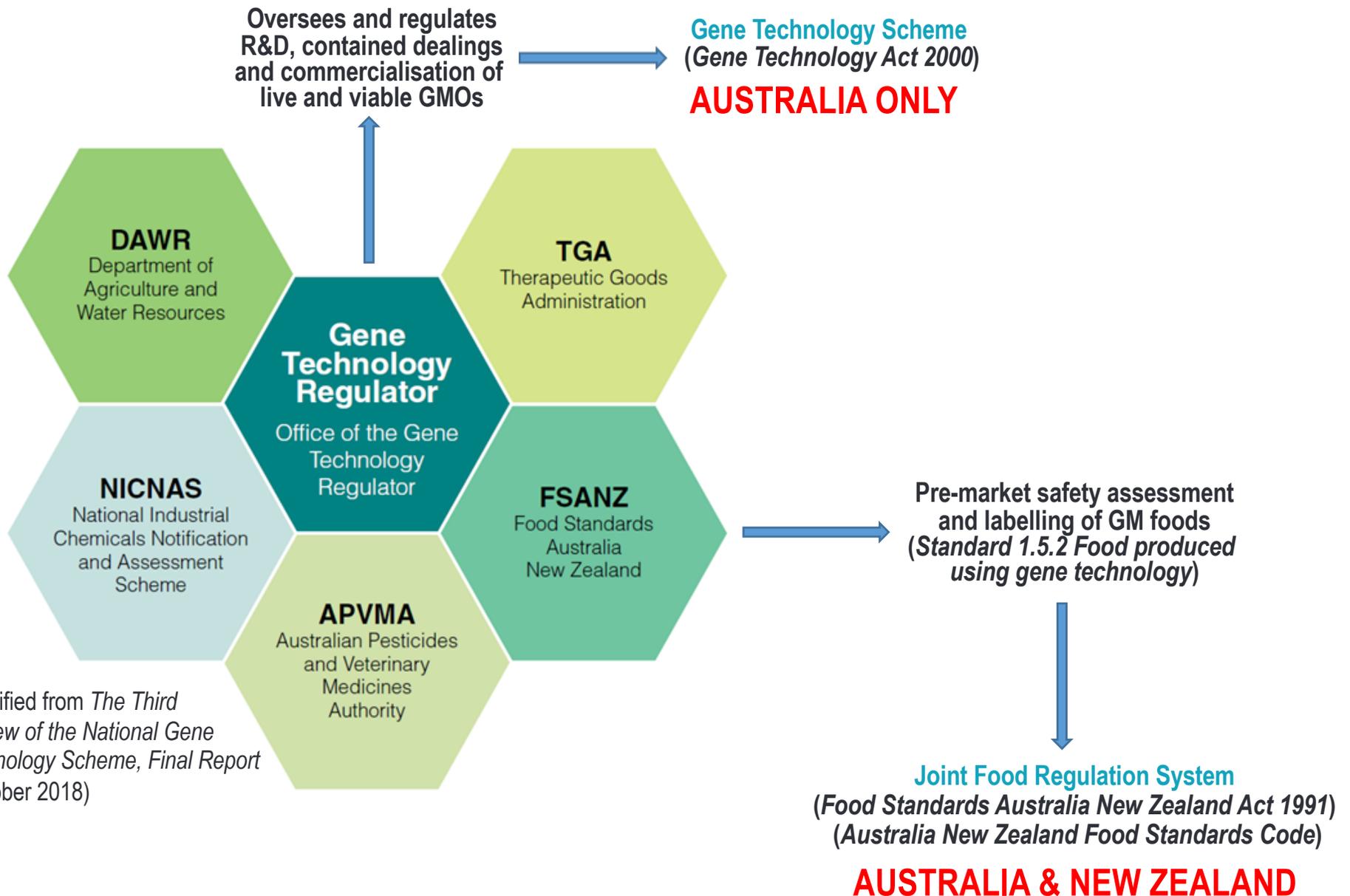
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Regulatory Approaches for Agricultural and Food/Feed Applications of Animal Biotechnology

Regulatory framework



#Modified from *The Third Review of the National Gene Technology Scheme, Final Report* (October 2018)

GM food regulation

- GM foods regulated under *Standard 1.5.2 – Food produced using gene technology*
- Standard 1.5.2 is a joint standard with New Zealand
- The standard applies to foods derived from organisms (plants, **animals**, microorganisms) modified using gene technology (i.e. process-based)
- GM foods prohibited from sale unless expressly permitted
- Permitted foods listed in a separate schedule (Schedule 26)
- Includes mandatory labelling requirements for a subset of approved GM foods

Food safety assessment – GM animals

- Mandatory data requirements specified in the FSANZ Application Handbook
- Data requirements based on the Codex guidelines for foods derived from biotechnology
- Data requirements are **generic** – apply to all organisms – but are more applicable to plants
- Additional interpretive guidance provided in the Handbook in relation to GM animals – e.g. selection of comparators, compositional analysis, etc
- FSANZ has not received any applications for food derived from a GM animal

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