# **SA Academic perspective: GEd Innovation**

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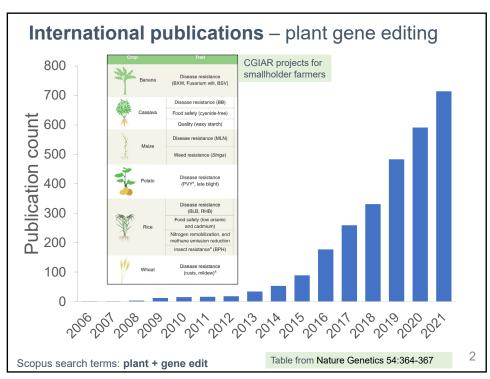


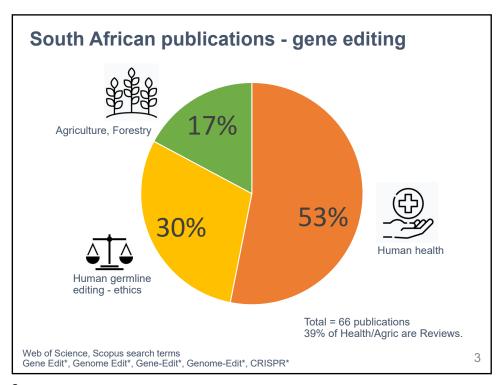
Session: GEd Innovation management

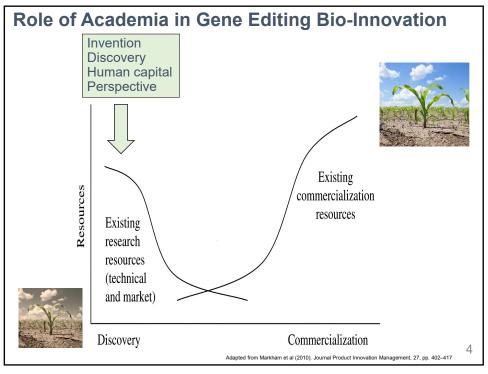
28 September 2023

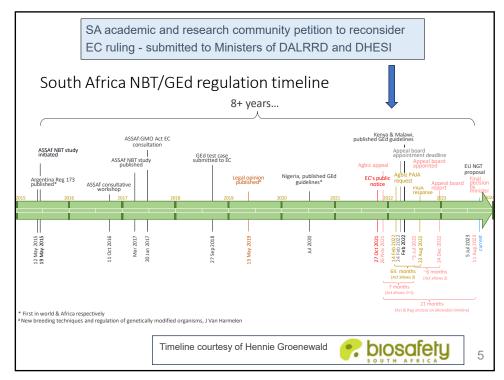
4th Sustainable Bio-Innovation Symposium

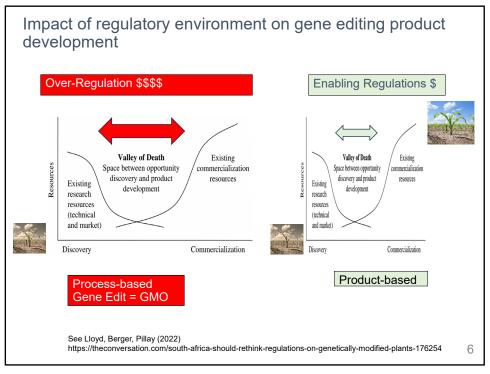












## **Innovation in Gene Editing in South Africa**

### What do SA Academic's need to do?

**Build capacity** 

- · Plant physiology
- · Molecular biology
- Entrepreneurship e.g. UP Honours course "Biotechnology in the Workplace"

Establish critical mass in gene editing (e.g. centres of excellence)

Advocate for international best practices

### What do SA Academic's need?

Research funding for invention and discovery

Enabling regulations for New Breeding Technologies-Gene Editing



Conducive environment for

- "Start-ups" in NBTs
- > Public-private partnerships in NBTs



Product-based