

# University-supported innovation for inclusive development: Case studies in the Western Cape (PART 1)

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## University-supported innovation for inclusive development: Part 1 at a glance

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- University: fertile ground for I4ID
- University roles and relevance in I4ID
- Theme: Innovation models
- Theme: End user involvement
- Theme: Impact & sustainability

# University: **Fertile ground** for innovation for inclusive development

## All three university missions lend themselves to I4ID

### ➤ Teaching

- I4ID as a vehicle for education

*“allow students to learn through practical experience”*

*“teach students in a community environment”*

- Student capacity a drawcard for external parties interested in I4ID

### ➤ Research

- I4ID as opportunity to develop new knowledge

✓ **Frontier** in terms of tech (*high tech*) OR context (*appropriate tech*)

- Engaged scholarship

### ➤ Community outreach

- Community service promise

✓ Service learning structures as enabler



# University roles & relevance in innovation for inclusive development

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educator

R&D hub

value chain integrator

community capacity builder

community employer

task shifter

funder

providing access

providing credibility

low risk, low cost 'lab'

# University-supported innovation for inclusive development: Paradigms

**Developmental**  
*development for development*

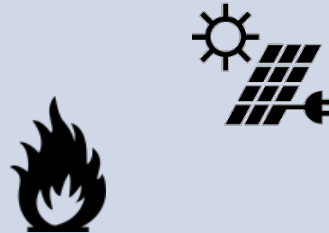
**Hybrid**  
*business for development*

**Commercial**  
*business for business*

Top down



Selective participation



Bottom up



# Project icons: Legend



Mobile screening device



Low-cost heart valve



Multi-purpose water platform



M-agri pricing app



M-health communication app



M-health messaging service



Remapping informal settlement



Video streaming for low bandwidth areas



Water treatment device



Shack fire detection system



Solar-based energy on-the-go



Affordable telecommunications for rural areas