



UNIVERSITY of the
WESTERN CAPE

Innovation and Technology Transfer at UWC

Janine Chantson

Director: UWC TTO

10 February 2016

UWC Research strengths

- Energy generation and storage
- Bioinformatics
- Indigenous bio-resources beneficiation
- Sensors (health, environmental)
- Water and environmental technologies
- *Sustainability*
- *Other: ICT4D*

UWC Technologies for commercialisation



- *Galenia africana* (kraalbos) extract
 - Cosmoceutical
 - Agrochemical
 - Antimalarial
- Acid Mine Drainage treatment
- Zeolite catalysts
- Hydrogen Fuel Cell technologies incl. MEA, metal hydride materials & systems
- Li-ion battery technologies

Technologies under development



- Rapid HIV diagnostic test
- Anti-TB drug candidates
- Herbal therapy for male healthcare
- Immune-boosting cosmetic product
- Bioinformatics analysis services
- Forensic kit
- Geopolymers for construction applications

UWC spin-outs

- UWC Innovations (Pty) Ltd in process of being established
- 100% UWC owned
- Vehicle through which UWC takes equity in spin-out companies

Examples of UWC technologies transferred



HIV Drug Resistance Testing Analysis Platform



KRAALBOS BIO-HEALTH PRODUCTS



What we need from business

- Assistance in translating research findings to fit market needs
- Access to external test beds for university technology
- Mentors and business advisors for start-ups & spin-outs
- Funding for technology development and commercialisation
- Licensees and Entrepreneurs