

Tissue banking in South Africa: Sector analysis project

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Sector analysis project

Aim

- To identify the challenges faced by the human tissue sector and map key interventions to strengthen the sector through stakeholder engagement
- Close co-operation with SATS

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Approach

- Needs analysis
 - South African and African market demand (including tissue, geographical region, etc.), versus supply (current situation from multiple sectors in SA)
- Situational analysis
 - Legal, cultural and other barriers; cause of death e.g. violence, and how this impacts on donation; readiness of legislative authorities to assist/adapt; technology status; partnership status; etc

Defining the need

- Difficult to determine the size of the market
 - no registry for tissue use in South Africa and the continent
 - no formal waiting lists for any tissues
- Decreasing supply of tissues in SA
- Demand >>> supply

Impediments to growth

- Lack of sufficient/appropriate legislation and government support
 - NHA and regulations
 - Protection of Personal Information Act (pending)
- Lack of a formal death-referral system which could support and facilitate the process
- Limited funding opportunities
- Lack of new entrants into the industry, no changes in leadership, no new expertise
 - Industry has become stagnant over the last 10 years

Impediments to growth

- Insufficient education in all sectors of society
 - medical fraternity
 - fragility of public opinion
- Cultural sensitivities around human tissue related to traditions and belief systems
- Issues of literacy and language
- HIV & AIDS
 - stigmatization
 - access to patient medical records

Business model

- Cost recovery
 - Not for profit
 - Surplus: capacity development, innovation
- Sustainability
 - Increase donor numbers
 - Enabling regulatory framework
- Innovation
 - Tissue and organ engineering
 - Cell and gene therapy

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Stakeholders:

- All members of SATiBA, ODT (David Thomson and colleagues) and the ODF
- National Department of Health
- Public and private hospitals
- Forensic departments
- Patient advocacy and media

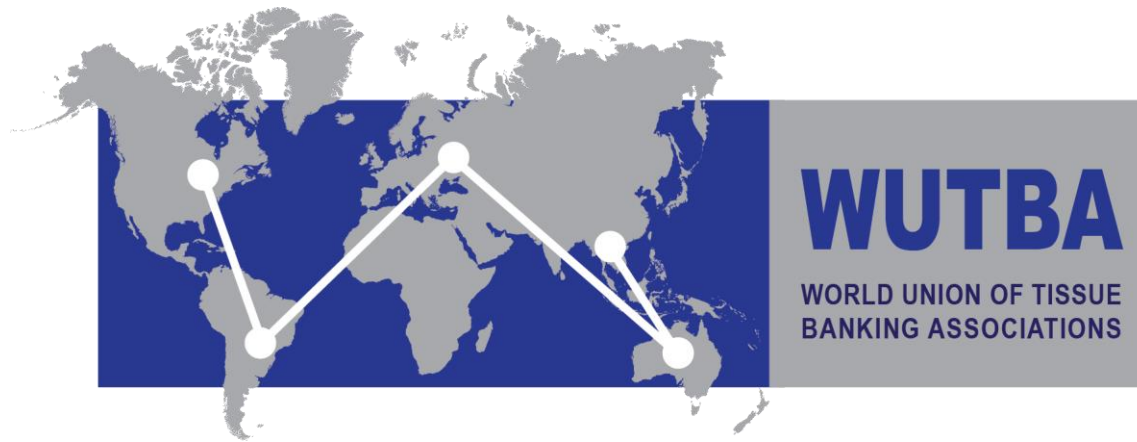
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Inaugural stakeholder meeting

- End October/November 2019

Output

- Detailed project plan
- Allocation of responsibilities
- Identification of funding sources



9th World Congress on Tissue Banking

- Q3 of 2020
- Has taken place every 3 years since the 90's
- Work emanating from this sector analysis project will provide an important backdrop to tissue banking activities in SA