



2015 NATIONAL SANITATION INDABA

It is not all about flushing



Commission Reportback

Commission #1: Sanitation Technology Assessment and Evaluation

Chairperson: Ms Nonhlanhla Mkhize



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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



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Key challenges

- Limited or lack of technology functionality information
- Lack of standards, regulation and enforcement
- Lack of certification of technologies
- Lack of integrated planning and implementation
- Inadequate understanding of the full costs of technology solutions eg. solutions do not always include O&M requirements
- Lack of technical capacity: decision-makers



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Deficiencies in the enabling environment

- Lack of standards, certification and licensing framework
- Lack of quality assurance
- Lack of regulation and enforcement
- Lack of technology assessment framework
- Engagement with users and technology developers
- Lack or inadequate scientific evidence on performance
- Inappropriate design for SA context



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Key enablers

- Leadership from national government: regulation
- Enforcement by appropriate agencies
- Engagements with appropriate standards agencies eg. SABS
- Human resources: regulation and enforcement
- Appropriate technical capacity: technology assessment and evaluation capacity
- Market and pricing regulation



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Solutions to challenges



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- Standards, certification and licensing
- Enforcement and regulation
- Market and pricing regulation
- Empowering the end users in terms of appropriate technology solutions
- Engagement with technology developers
- Building technical capacity: financial and O&M for decision-makers
- Technology assessment and evaluation tool: finalize and make it accessible to appropriate decision makers and end users

☐ *Tool will be piloted towards the end of the year*



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THANK YOU



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