

Agrément South Africa

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PRESENTATION TO THE PARLIAMENTARY PORTFOLIO

COMMITTEE ON PUBLIC WORKS

ON 27th OCTOBER 2009

AGRÉMENT SOUTH AFRICA'S 2009 ANNUAL REPORT

Joe Odhiambo, CEO Agrément South Africa



Monday, 26 October 2009

Mandate

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Agrément operates under the delegation of authority from the Minister of Public Works

Provide assurance by carrying out testing, evaluation, confirmation and certification of fitness-for-purpose of non-standard construction products and systems materials (Modern, improved & new Innovations which are not covered by SABS) Administrative support from CSIR.



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Functions

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support innovation & technology transfer, enhance public safety in built environment



development & maintenance of a technically & administratively sound system for evaluation of new products that has national & international credibility;
the promotion, on a national basis, of product information on approved product standards
the encouragement of the export of innovative SA construction products and services.



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Origin

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Formed in 1969 by Minister of Public Works



Following several bad examples of failures of innovative construction systems and constructions products when the provincial & municipal regulatory authorities, SABS, CSIR and the entire construction industry took part in an extensive joint consultation process that led to the recommendation to establish a national evaluation service Agrément South Africa, on which building officials across the entire country could base their decisions on the suitability and acceptability of innovative building products.



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Key Objectives

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Aligning the activities of the Agency with National Imperatives as stipulated in the State of the Nation Address



Supporting the National DPW in the current legislative process to formalise the process Agrément being a public legal entity

Support the full implementation of the national transformational initiatives



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Highlights of Performance

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Human resource capacity development resulting in improved technical outputs for the nation

Record number of products receiving Agrément certification

Improvement in Laboratory equipment

Recruitment of highly skilled technical staff



Improved turn-around time for Assessments

Introduction of in-house testing

Successful hosting of World federation of technical assessments meeting



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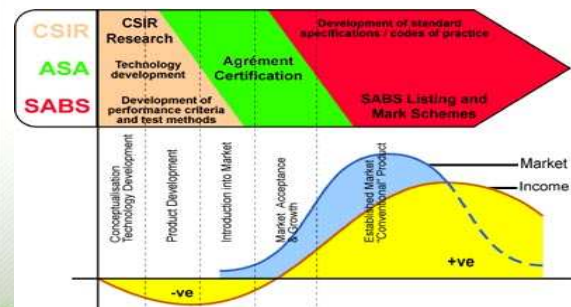
Examples of Innovative systems ⁷

- Use of Modern, improved & new materials in construction;
- New ways or methods of applying 'traditional' materials;
- Improvements in designs to enhance functionality in construction
- System design e.g. designing for energy efficiency;
- Performance based design – 'fit for purpose'
- Improved use of resources- contributing towards global sustainability initiatives
- Agrément South Africa must maintain impartiality to ensure credibility in the technical assessment .

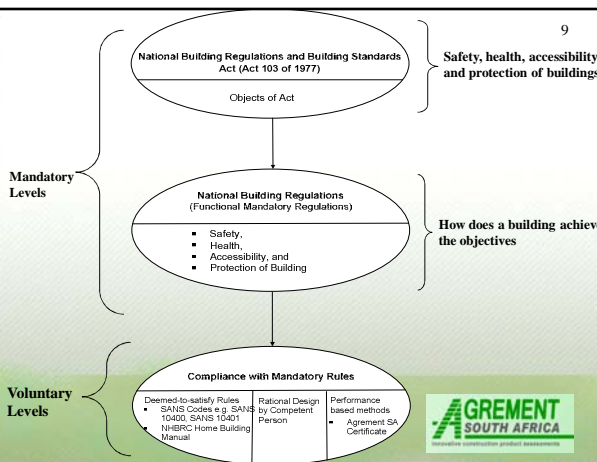


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Typical Product Development Cycle ⁸



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SABS Objectives

SABS publishes national standards through technical committees. Committees have industry representatives, that include Agrément South Africa

- Test and certifies products and services
- Develops technical regulations (compulsory specs) based on national standards
- Promotes design excellence, and
- Provides training on aspects of standardization



Role of SABS & Mandate ¹⁰

SABS is a statutory body established in terms of the Standards Act, 1945 (Act 24 of 1945)

Mandate

National institution that promotes and maintains standardization and quality in connection with commodities and services



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Governance

- 11 Board members
- Appointed for a **period of three years**
- **Board Chairperson** appointed by the Minister of Public Works
 - Pepi Silinga
- **Strategic planning session** held annually
- The Board of Agrément holds at least four meetings in a year
- Agrément finances statements are audited and received a clean audit report



Governance

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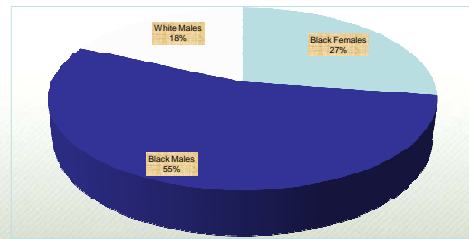
The Board has three Sub-Committees

- Audit and Risk Chaired by Nozi Shabalala
 - Human Resources and Remunerations Chaired by Montwedi Seane
 - Technical Chaired by Mike Marler
- The Sub-committees of the Board of Agrément hold regular meetings during the year



Human Resources

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Percentage of staff either black or female: 82%
Provide supportive working environment to all
Comprehensive structured mentorship programme



Post 1994 to 2004 Subsidy Houses

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Millions of houses have been built since 1995

30 m² Box Houses has been the norm practise !!!

At current rate of delivery (185,000 houses/year), disregarding population growth, it will take more than 30 years to eradicate housing backlog!!



The Future: Innovative Technologies - Eric Molobi

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A home that is suitable to the needs of the majority of the people of RSA



The Future: Innovative Technologies - Eric Molobi

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A home that is suitable to the needs of the majority of the people of RSA



Impact and Achievements

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- 482 certificates have been issued
- Widespread use of several Agrément certificated products, e.g.
 - Hollow concrete blocks
 - Metal roof tiles
 - Lightweight internal partitions
 - Hard drawn copper tubing
 - Variety of waterproofing and wall coating materials
 - Plastic bath tub

Authoritative assessment of system performance
Leads to local economic stimulus.
Leads to improvement of existing products
Promote the export of SA products.
Reassurance of fitness of purpose



Typical Scope of Evaluation

- structural strength and stability
- performance in relation to fire
- resistance to water penetration and rising damp
- thermal and energy performance
- condensation
- acoustic performance
- accuracy in building
- durability
- quality management system
- compliance with the National Building Regulations



Typical tests



Deterioration test



Soft body impact test



Panel compression test



Full burn out fire test



10 priorities highlighted in the Medium Term Strategic Framework

1. Speed up economic growth and transform the economy to create decent work and sustainable livelihoods

Verifies fitness-for-purpose of products, facilitating acceptance, minimising the risk, financially and to safety and health of the people of South Africa.

2. Massive programme to build economic and social infrastructure

Agrément evaluations are a means of enabling the introduction of innovative solutions



Medium Term Strategic Framework

3. Develop and implement a comprehensive rural development strategy

Agrément South Africa is available and able to evaluate non-standard.

4. Strengthen the skills and human resource base

Agrément evaluations assist municipalities to make informed decisions on the use of non-standard products or systems.

5. Improve the health profile of all South Africans

Agrément evaluations concentrate mainly on safety and health issues

6. Intensify the fight against crime and corruption

By certifying non-standard and innovative building products, for example, security doors, fencing etc.



Medium Term Strategic Framework 25

7. Build cohesive, caring and sustainable communities.

Proper housing and improved infrastructure will go a long way to providing caring and sustainable communities.

8. Working with Africa & the rest of the world pursue African advancement & enhanced international co-operation

Agrément certificate are presently used in many African countries to facilitate the acceptance of innovative building technologies.

9. Ensure sustainable resource management and use

Agrément South Africa is currently investigating the ways of assessing sustainability and 'green' issues

10. Build a developmental state, improve public services & strengthen democratic institutions

Agrément participates in this priority



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Approved Certificates Awarded 26

1. Compactroll Ridge and Capping Systems
2. Innovida Building System
3. Ikhaya Futurehouse Double Storey Building System
4. EasyFlash roof flashing system
5. Cemforce GRC Building System
6. Datlink Insulation Innoblock Insulating Hollow Concrete Blocks
7. Izoblok Building System
8. Tilt-Up Pre-Fabricated Building System
9. CMA Building Foundation Beam System



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Approved Certificates Awarded 27

10. CSIR Modular Building System
11. Banbric Building System
12. Spunsalation 5 Roofing Radiant Barrier
13. Prominent Paints Waterproofing System
14. APC Modular Building System
15. Frame Tech Building System
16. Gundle USB Co-extruded surface-bed membrane
17. Bright-kid Container Conversion
18. ITAS Modular Building System



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Agrément Certificates 28

- [Affordable Comfort Homes - 2005/319](#)
- [Africon Brick Building System - 2002/292](#)
- [ARUBA™ 2000 SERIES BUILDING SYSTEM - 2002/291](#)
- [Automapolyblock Building System - 2007/336](#)
- [Besa 2 Building System \(Schools, Day clinics & Off - 2/2003](#)
- [Besa Building System - OC-1/2001](#)
- [Crane Building System - 2006/328](#)
- [CLC Batim Building System - 2000/280](#)
- [Eapro A Building Method - 97/255](#)
- [Eapro M Building Method - 1997/M47](#)



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Agrément Certificates 29

- [FSM Building System - 90/205 \(Reappraisal 1994\)](#)
- [Goldflex 100 Building System - 90/201 \(Reappraisal 2000\)](#)
- [Goldflex 800 Building System - 89/195 \(Reappraisal 2000\)](#)
- [Goldflex 800 Seismic Building System - 2005/316](#)
- [House-it Building System - 97/258](#)
- [Hydraform Building System - 96/237](#)
- [Imison Building Process - 2001/289](#)
- [Imison Stud Column Walling System - 2004/310](#)
- [Micro-concrete cladding building system - 2007/335](#)
- [National and Overseas Factory Built Buildings - 89/191 \(Reassessment 2000\)](#)



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Agrément Certificates 30

- [IZOBLOK BUILDING SYSTEM - 2008/348](#)
- [TILT-UP PRE-FABRICATED BUILDING SYSTEM - 2008/349](#)
- [Scips™ Building System - 2006/325](#)
- [Ikhaya Future House Double Storey Building System - 2008/347](#)
- [Ikhaya Future House Building System - 2007/331](#)
- [Banbric Building System - 2009/354](#)
- [APC Modular Building System - 2009/355](#)
- [Bright-Kid Container Conversions - 2009/M56](#)
- [Innovida Building System - 2009/M55](#)
- [Frame-Tech Building System - 2009/356](#)



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Agrément Certificates

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[Portable Container Building System - 2007/337](#)
[Protea Umbono Building System: Amendment - 2006/324](#)
[Robust Building System - 99/272 \(Amended July 2000\)](#)
[Space Frame 2000 Building System - 89/194](#)
[Styrox Building System - 98/267](#)
[InnoBlok® \(Insulating Hollow Concrete Blocks\) - 2008/345](#)
[Imison 3 Building System - 2008/342](#)
[Cemforce GRC Building System - 2008/346](#)
[CMA Building Foundation Beams - 2008/350](#)



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AUDITED FINANCIAL STATEMENT

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INCOME		
Grant received - Department of Public Works		7 080 660
Private		745 036
TOTAL INCOME		7 825 696
EXPENDITURE		
OPERATIONAL COSTS		
	6 155 296	
Manpower		4 575 295
Running Costs		1 580 001
OVERHEAD COSTS		
	1 299 602	
Depreciation		222 475
Shared Service Costs		543 127
Executive Levies		534 000
TOTAL EXPENDITURE		7 454 898



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Conclusion

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- Agrément SA will continue to contribute to RSA's **National Presidential Imperatives** and Sustainable Human Settlements through diverse innovative products.
- Agrément SA is committed to service delivery & accountability in accordance with its Mandate
- Together we will deliver improved quality construction materials and buildings systems !!



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Thank You...

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<http://www.agrement.co.za>



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