

South Africa leading country for horticulture - Opportunities to take

Lisette Bakker, February 24 2017



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- Former extension department of Min. of Agriculture
- 230 employees (60 international)
- Focus on all plant related sectors
- Knowledge development & implementation
- Advice, training, research & international project development.
- The Netherlands, Belgium, UK, Denmark, Spain, Turkey, Russia, Japan, China, Ethiopia, Kenia, **South Africa**, Costa Rica.

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Knowledge Implementation - Development



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South Africa

Limpopo – Gauteng – KZN – Eastern Cape

- Small holder farmers / cooperatives
- Commercial farmers
- Schools / colleges / universities
- Research institutes (ARC)
- Government (GDARD, small business)
- Improve profitability of production
- focus on skills development.

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South Africa – Eastern Cape

- Climate perfect for horticulture
- Strong production and processing industry
- Good infrastructure / value chain to (southern) Africa + Europe
- 'enough' water, (challenged by droughts / quality)
- Possibilities for solar (alternative) energy
- Agricultural support and assistance for small holders and start-ups is available (skills and entrepreneurship low level)

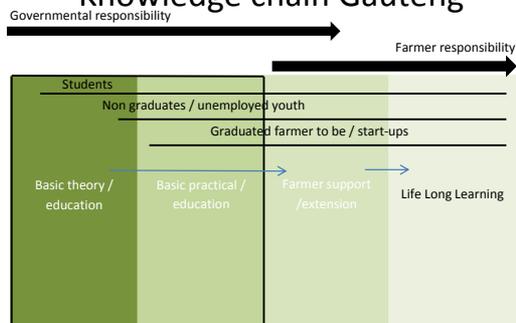
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Accelerating of the sector

- Innovation & demonstration
 - Entrepreneurship (& job perspective)
 - Skilled employers
 - Cost efficient production / chains
 - Long term effective (financial) support
- Close collaboration between government and private sector

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Knowledge chain Gauteng

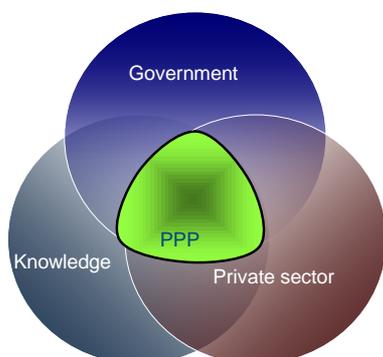


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Needed

- Practical curricula at colleges / universities
- Focus on entrepreneurship and job-perspective
- Connection between colleges and private sector
- Best practices and modern technology included in educational-programmes
- Local and long term farmer support (at agripark-level)
- Smooth flow between education – farmer support – long life learning
- Clear dependency between farmer support and education for higher success rates

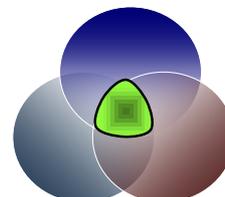
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Government

- Economic growth
- Rural development
- Reduction of poverty
- Food security
- Employment
- Environment

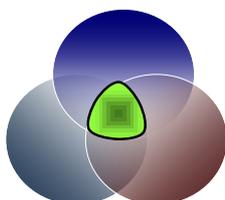


- *Extension*
- *Education*
- *Public facilities / Infrastructure*
- *Policy*
- *Small holder funds / innovation funds*

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Education / Knowledge

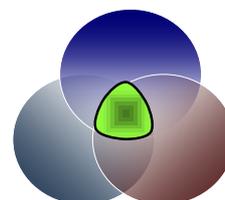
- Delivering well educated students (employees and entrepreneurs)
- Knowledge development (fundamental – applied)
- Skills development
- *Curricula*
- *Training / modern facilities*
- *Job perspective*
- *Inspiration by role-models....*
- *Support of start-ups*



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Private sector

- Innovation
- Well educated employees
- Specialisation
- *(Labour) market needs assessments*
- *Internships*
- *Guest lectures*
- *Research*
- *Support start-ups / internships*



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Examples PPP's

- Topsector Horticulture: policy level
- Various working groups: infrastructure, public funding, trade
- Centers of Excellence: education / labour market level
- Various Campusses: innovation level (cross-sector)
- ...

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Opportunities for NL

- SA + NL Strong worldwide network of horticulture
- Leading in efficient and sustainable horticulture
- Expertise Netherlands on water, logistics, agriculture and (international) knowledge
- Present in South Africa

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Let's #co-create

Thank you for your attention

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