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ORIO Zambia

“Upgrading and Rehabilitation of Education Infrastructure of Agriculture Colleges in Zambia”





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- **Request for support received from GoZ**
- **Implementation “pre-feasibility” study**
- **Design and implementation of ATVET project “Upgrading and Rehabilitation of Education Infrastructure of Agriculture Colleges in Zambia”**
- **Application for partial funding from the Dutch Government (ORIO Facility)**
- **Funding approved on 19/02**
- **First Grant Agreement Development Phase (2014)**
- **Second Grant Agreement Implementation Phase (2015)**



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Project Budget					
	Duration (months)	Total project costs (EUR)	Eligible costs (EUR)	Grant %	Grant amount (EUR)
Development phase	6 months	474.000	474.000	100%	474.000
Implementation phase	36 months	19.587.850	19.587.850	50%	9.793.925
O&M phase	120 months	43.434.550	3.434.550	8%	1.717.275
Total EURO		63.496.400	23.496.400		11.985.200



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Project Objectives

- **Overall objective:** Reduce poverty by supporting the agriculture education sector that will contribute to ensuring food security and income generation at household and national level.
- **Specific objective:** Upgrading and rehabilitation of 10 Zambian Agriculture Colleges, including the establishment of one Teacher Training Department to make the Agriculture Training Sector more responsive to labour market requirements (both for large scale and small holders sector)





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Major findings

Pre-feasibility study



- Lack of funding : need for income generating activities at Agriculture Colleges for sustainability
- Training programme too much theory based
- Curricula needs to be inline with “output” and market needs
- More interaction with market, community and labour market
- Staff needs to be trained to modernize & make training programmes more efficient
- Limited maintenance & repair skills
- Lack of teaching & learning materials
- Water & power supply inadequate
- Lack of training equipment



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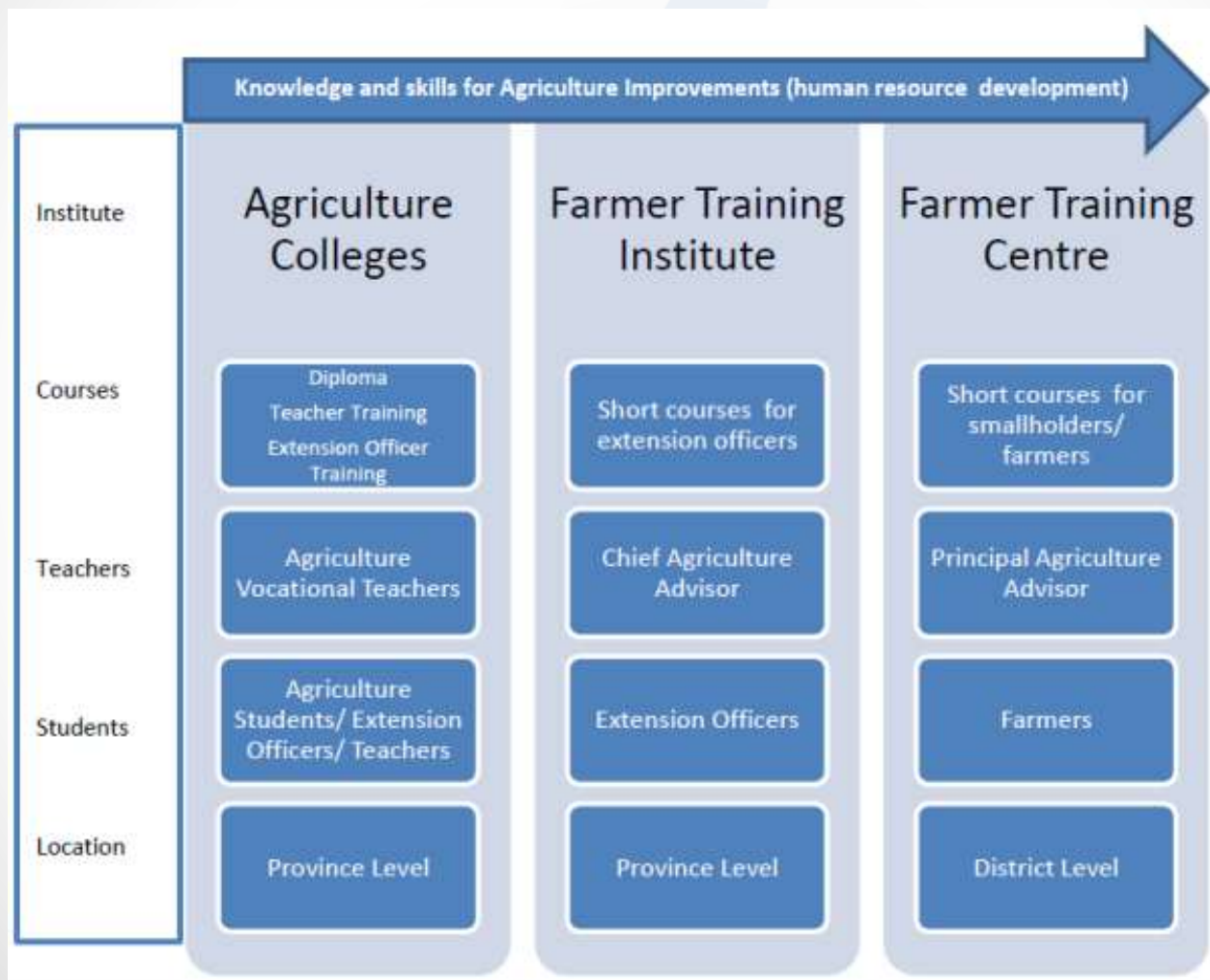
Key Concepts

- Hands-on skills training
- Value chain management
- Market oriented approach
- Entrepreneurship development
- Labour market linkages
- Community support/ poverty reduction
- Knowledge transfer of agriculture best practices
- Quality management and teacher training
- Long term sustainability
- Extension services training improvement!





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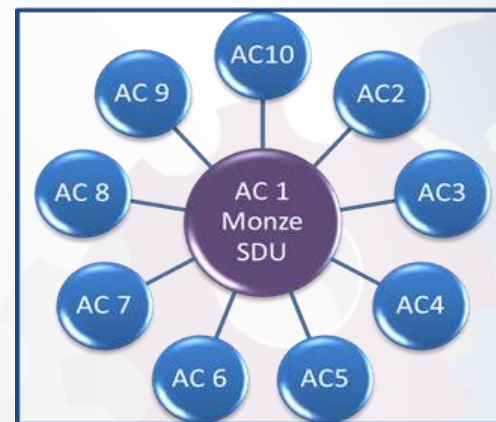
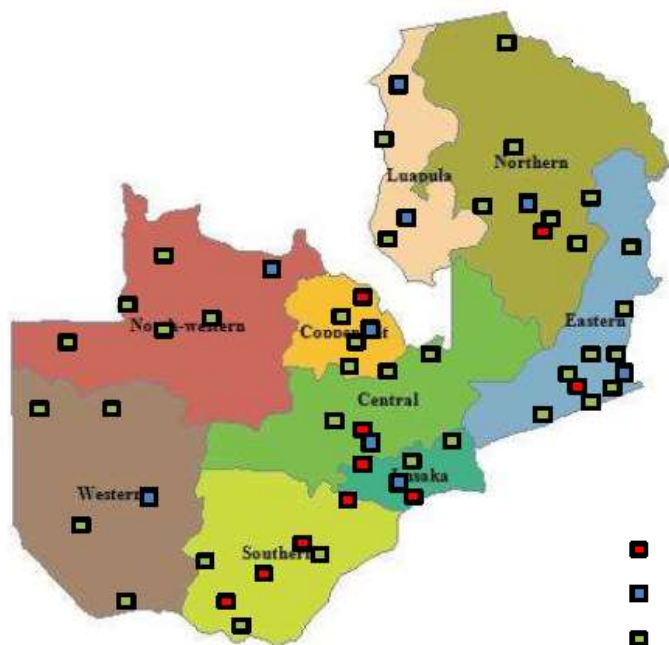


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Anticipated Impact

Map of Zambia

Agriculture Colleges, Farmer Training Institutes and Farmer Training Centres





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Agriculture Colleges

AGRO COLLEGES	TOPICS	2011	2012	2013	TOTAL
NRDC	Multi-focus	392	421	590	1403
ZCA-MONZE	Agriculture +	172	196	189	557
ZCA-MPIKA	Agriculture +	140	130	150	420
POPOTA	Tobacco	34	47	24	105
CHAPULA	Horticulture	22	32	24	78
ZIAH	Veterinary	63	50	62	175
KASAKA	Fisheries		27		27
KATETE	Agriculture +	42	45	49	136
COOP	Agro-business	145	135	142	422
PALABANA	Husbandry- dairy	46	48		94
Total annual graduates		1056	1131	1230	3417



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Agriculture Colleges

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Project Components

1) Development phase (6 months)

- Development of detailed project implementation plan in close cooperation with MAL

2) Implementation phase (3 years)

- Technical Assistance
- Teacher and Staff Training
- Supply of Equipment
- Infrastructure

3) Maintenance and operation phase (10 yrs)

- Gradual hand-over during year 3





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Development Phase

- In and output plan
- Feasibility study
- Site-surveys
- Study tour
- Technical design (tender ready documents)
- Detailed cost calculations
- Financial and financing solutions
- Project Plans 10 ACs and 1 SDU
- Final Project Plan





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Implementation Phase

Technical Assistance and training

- Establishment of “Staff Development Unit”
- Adapt existing curricula to practical and modern learning techniques
- Train-the-trainers programme in the Netherlands to upgrade practical teaching skills
- Provide expertise for implementation in Zambia
 - In-country training
 - Management support
 - Sector/ education knowledge transfer
- Gradual hand-over/ phasing-out





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Implementation Phase

Supply of Education and Training Equipment

- Equipment lists prepared based on needs per Agriculture College
- Training equipment based on Agriculture College needs, Agriculture sector requirements, and curricula
- General equipment to support training programmes
- High quality equipment based on international standards, adapted to Zambian context
- Provision of spare parts, consumables and maintenance protocols
- Consultancy, supply, installation, commissioning and training





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Implementation Phase

Basic Infrastructure improvement

- Power supply (solar/ back-up generators)
- Water supply (different options per Agriculture College)
- Upgrading/ establishment of project classrooms, laboratories, training facilities and production units





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Operation and Maintenance Phase

10 years support including;

- **Technical assistance and training**
- **Maintenance and repair missions**
- **Supply of spare parts and consumables**





Thank you for your interest in our activities!

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