

Facilitating Transition to green economies and sustainable societies

Demand for skills and green jobs in the agricultural/rural sector

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July 2016

Inclusive and sustainable industry--ISID

Industry is a key driver of development under Agenda 2030

SDG 9 UNIDO promotes industrialization that is

socially
inclusive

environmentally
sustainable

economically
competitive

Agriculture developing countries (SSA)



of the world's poor live in rural areas

agriculture is the main source of income and employment.



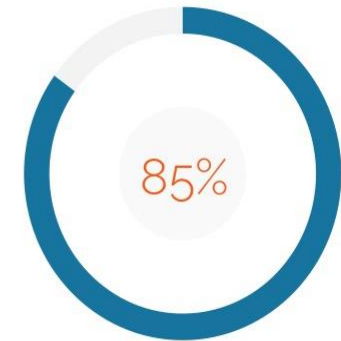
of the MVA typically comes from agro-related enterprises

agro-related enterprises



of the total employment lies in the agricultural sector

lies in the agricultural sector



of the exports are linked to the agricultural sector

are linked to the agricultural sector



Food

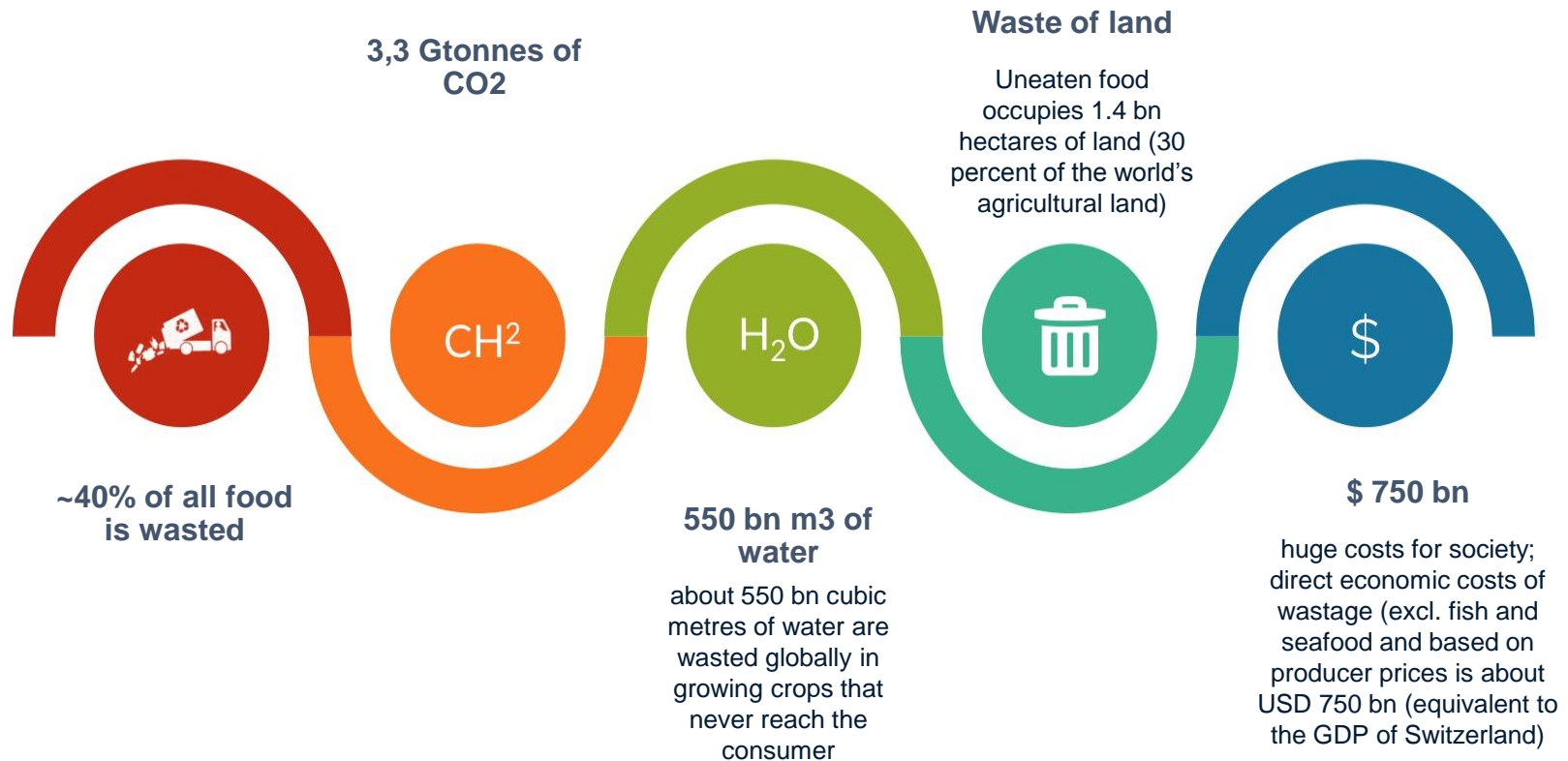
~60%



Loss & Waste

~40%

Environmental and Economic Impact of Food Losses



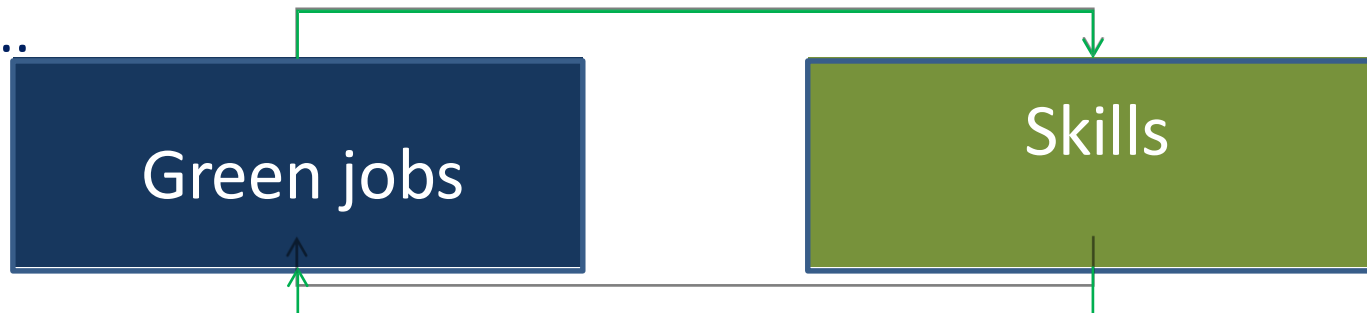
The world around us

- world population will be **9 Billion by 2050**
- **Food production has to increase by 70%**
- **Limited land and water resources**
- **Needs paradigm shift**

- Investment requirement **\$100 Bn per year**
- **1.7 billion green employment demand Food Systems 2050 (FAO)**

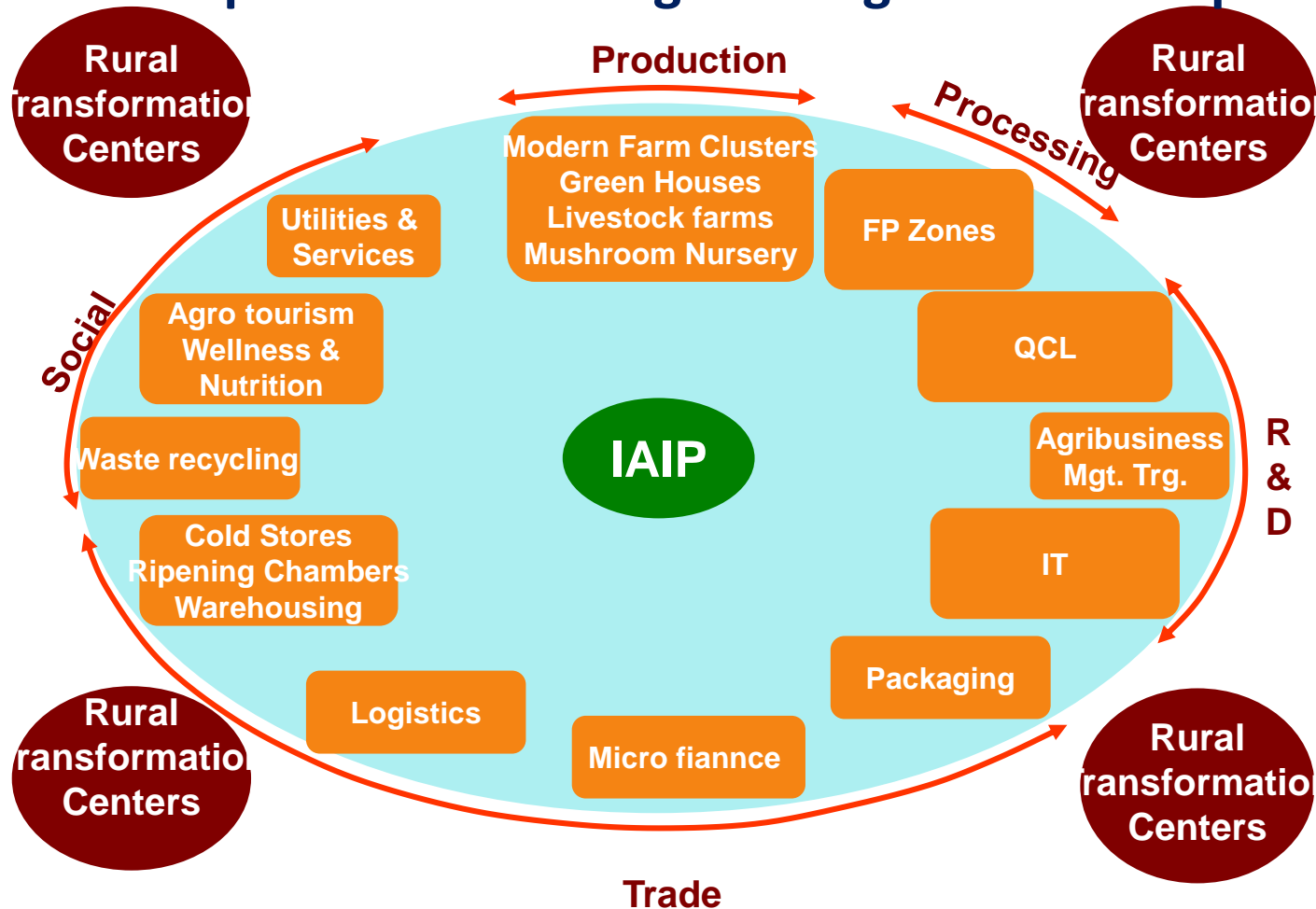
Skills and green jobs in the Agribusiness sector

- Input reduction: water use, fertilizer use etc.
- Green house gas emission limitation: wood drying etc.
- Waste minimization: improved post harvest handling, recycling and by-product utilization
- Ecosystem protection: renewable energy
- Agro-logistics :-
- Etc.....



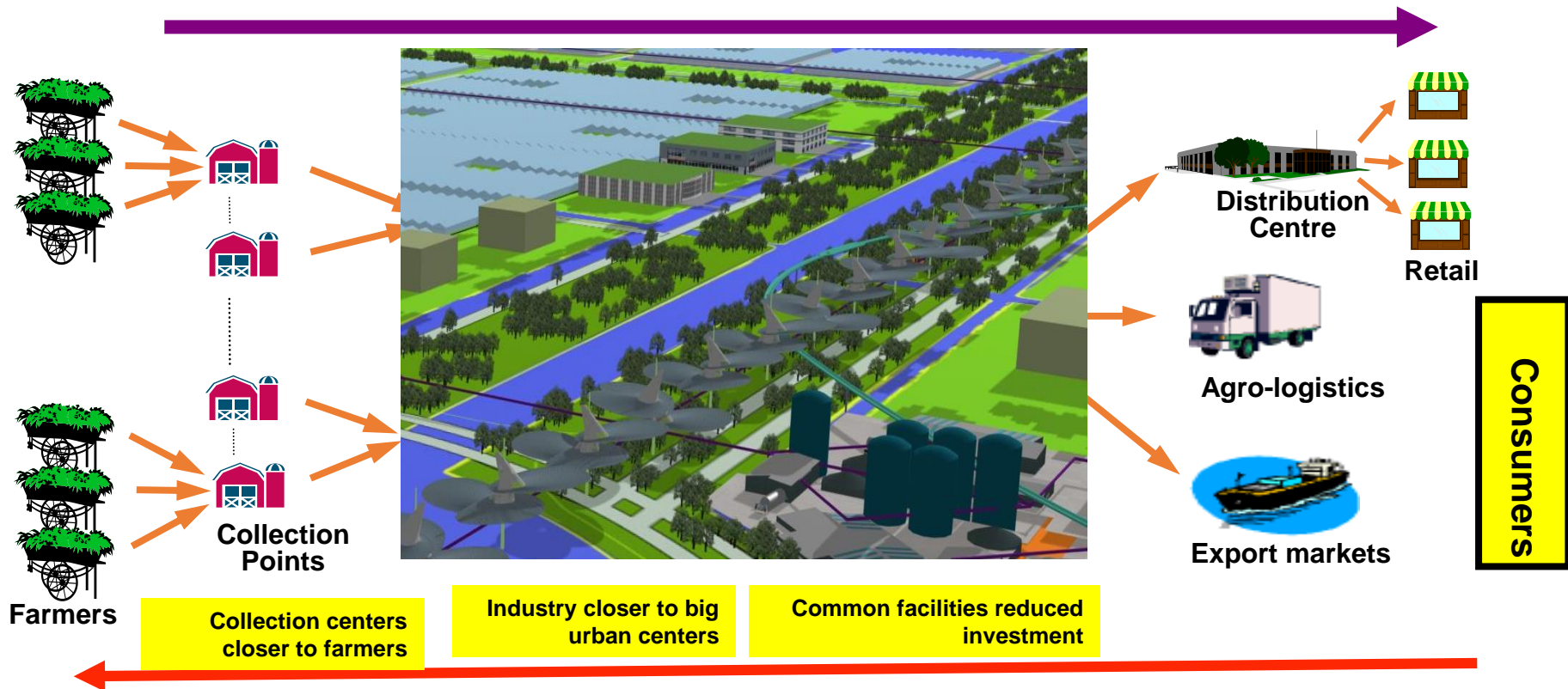
Initiatives

Skills development in the Integrated Agro-industrial parks



Green skills development along the value chain

Add value



Collection centers closer to farmers

Industry closer to big urban centers

Common facilities reduced investment

Capture value



Federal Democratic Republic of Ethiopia

Ministry of Industry

Ministry of Agriculture

Integrated Agro Industrial Park (IAIP) - Ethiopia



Funding Agency



Key partners

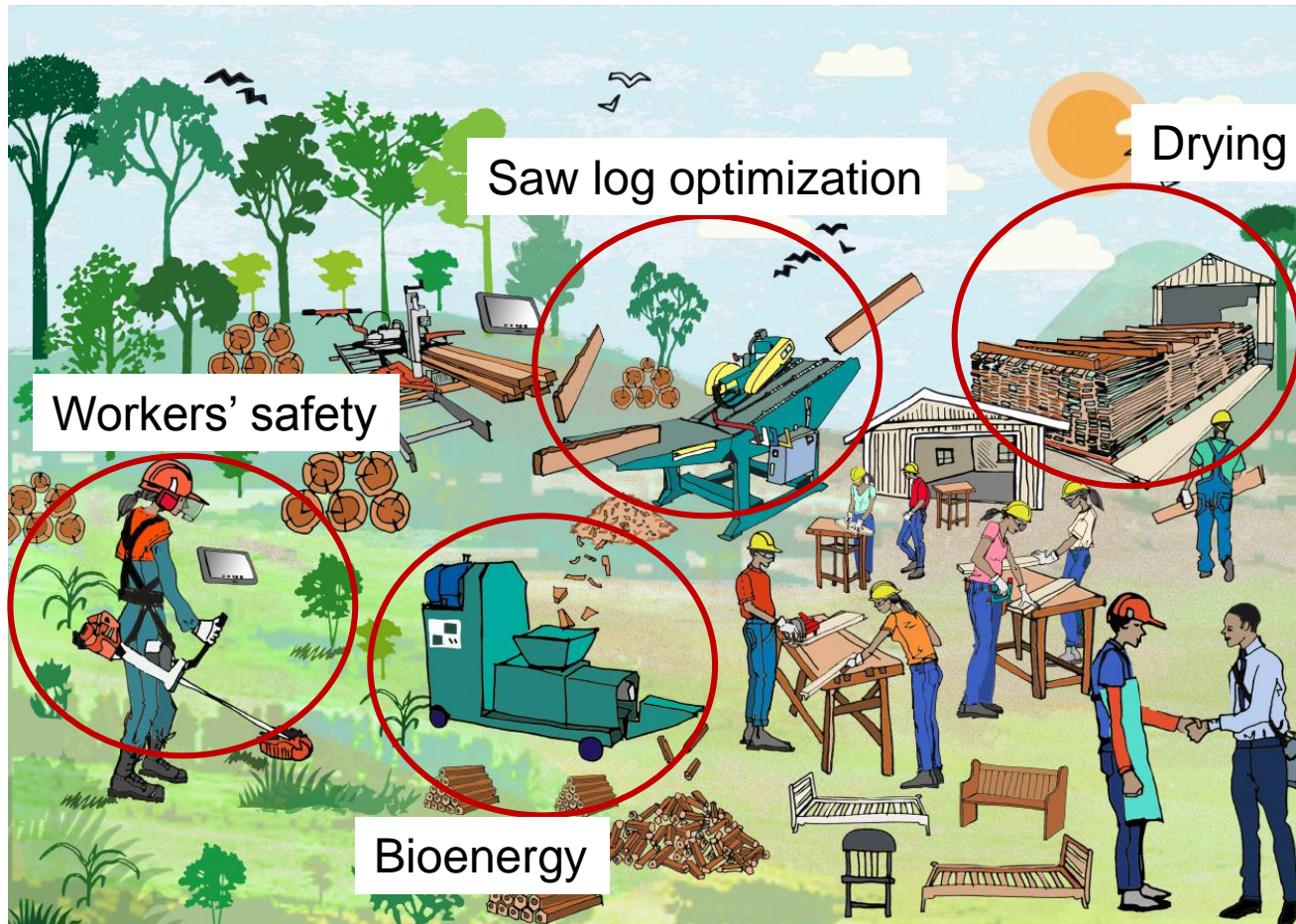


International Consultant

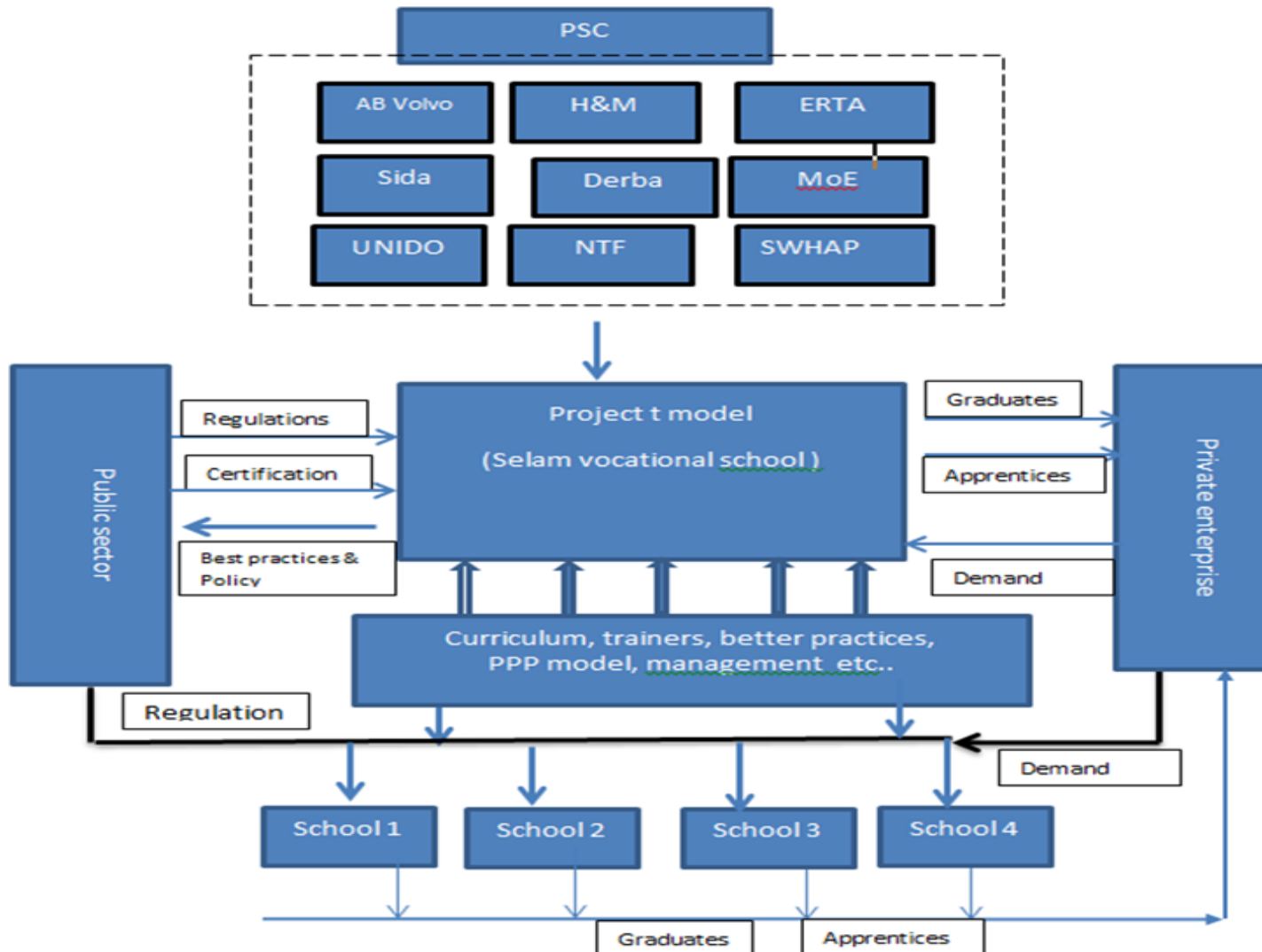
Mahindra
Consulting Engineers

Central Eastern Oromia - Aerial view

Example: Waste reduction along the wood value chain



Project model for PPP





THANK YOU!