

AGRICOM

Competence Modelling for the Agricultural Sector

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AGRICOM - Overview

- AGRICOM = Transfer of the Water Competences Model to AGRicultural COMpetences
- Executive summary in one sentence:
AGRICOM will provide the first competence model for the agricultural sector (ACM) and in particular the fields related to the unitisation of the water resources in irrigation, hydroponics and other related agricultural fields.

AGRICOM - Overview

- Based on WACOM= Water COMpetence modell for Waste Water Treatment Plants
- LdV Transfer of Innovation Project supported by the European Commission



AGRICOM - Partners

- 7 partners from 4 countries (DE, GR, IT, NL), coordinator: University of Duisburg-Essen



AGRICOM – Objectives I

- Identify and analyse the needs and competences required by the labour market in the European agricultural sector,
- Transfer the generic WACOM Competence Model (WCM) to the AGRICOM Competence Model (ACM),
- Pilot-test the ACM within professions related to agricultural use of water,
- Establish the AGRICOM online community to support discussion and research exchange related to the project.

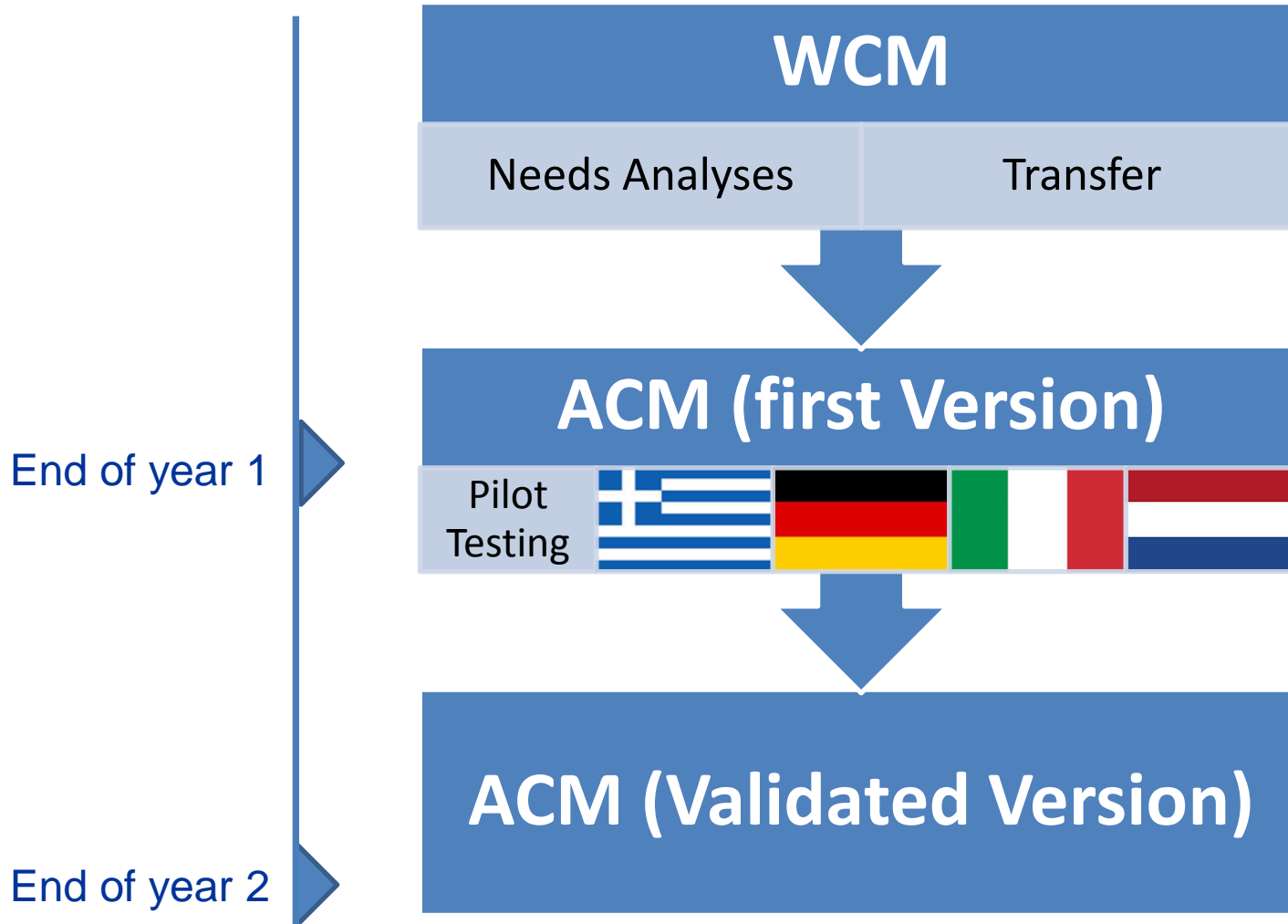
AGRICOM – Objectives II

- Establish the AGRICOM web portal and to populate it with more agricultural use cases,
- Enhance the transparency of the job profiles in the agricultural sector,
- Support the conjunction of vocational education and training with the labour market and jobs specialisations.

Main Application Scenarios for Competence Models

- Standardised definition of existing and needed competences,
- clear descriptions of working places,
- gap analysis of target and current state of competences,
- preparation and providing learning, education, and training,
- harmonising learning opportunities by professional framework,
- better comparability and mobility worldwide.

AGRICOM – CM Transfer Steps



AGRICOM – First Outcomes

Q1	Do you generally agree with the competence list?	Total (%): YES: 98.2% NO: 1.8%
Q2	Do you think that the competence list is complete?	Total (%): YES: 80.4% NO: 19.6%
Q3	Would you like to add some competence(s)?	Total (%): YES: 25.9% NO: 74.1%

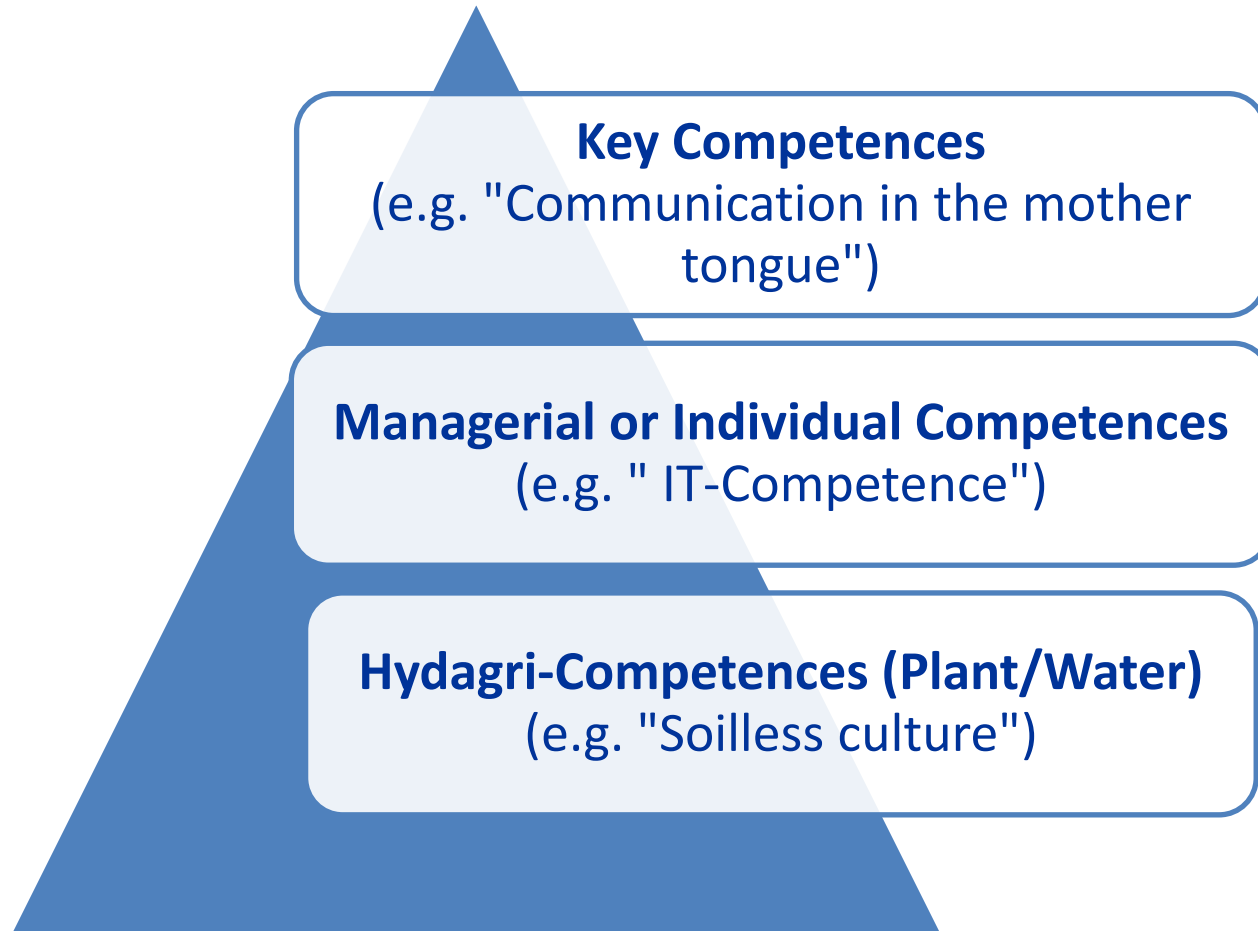
ACM - Competence Structure

The Competence Structure	
Action Verb	[e.g., "Determine and implement]
Object	[e.g., "production plan"]
Optional elements	[e.g., "for Hydroponic crops "]

ACM- Competence Description Template

Competence "XXX"		
Definition of the competence "XXX"		
Target group of the competence "XXX"	[manager of a hydroponic system/a field irrigation system; operator of a hydroponic system/a field irrigation system]	
Knowledge contained in and required for competence "XXX"		
Name of Knowledge	Definition	Minimum required level
	enter your definition here	enter the minimum required level (1 to 5) here
Skills contained in and required for competence "XXX"		
Name of Skills	Definition	Minimum required level
	enter your definition here	enter the minimum required level (1 to 5) here
Competences contained in and required for competence "XXX" (optional)		
Name of competence	Definition	Minimum required level
	enter your definition here	enter the minimum required level (1 to 5) here

ACM – Competence Types



AGRICOM – Session

Henrike Perner: "Methodology for Transfer of the Water Competence Model into the Agricultural and Horticultural Sector"

Andreas Drakos: "A Quality Management System for Hosting AGRICOM Representations"

Bas Timmers: "How to educate Agricultural Competences"

AGRICOM Contacts

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