Demonstration Areas				
Agricultural area characteristics	**IT**	**RO**	**ES**	**MO**
Name				
Irrigated agriculture calendar				
Duration (number of months)	3-6		6-8	6-9
Seasons (Su,A, Sp,W)	Sp-Su-A	Su	Sp-Su	Sp-Su-A
Water systems				
Pressurized (Y/N)	Y		Y	Y
Wells (Y/N)	Y		Y	
Other (Y/N)	Y			aerial irrigation canals
Water Provider Organizations				
Local (Y/N)	Y		Y	Y
Regional (Y/N)	Y		Y	
Other (specify)			Basin Auth.	Regional Office for Agricultural Development
Background with reference to MOSES system				
Irrigated crop map availability (Y/N)	Y		Y	
Soil maps	Y	tbd	tbd	Y
Seasonal weather forecast availability (Y/N)	Y	Y	Y	Y
Agricultural water balance model availability (Y/N)	Y	Y	Y	--
In-season monitoring of evapotranspiration	Y	Y	tbd	Y
In-season monitoring of reservoirs/groundwater	Y	Y	tbd	Y
Seasonal irrigation data availability (Y/N)	Y/N	Y	Y	Y
Additional Data/Tools				
Climatological data (Y/N) (Including Agro-meteorological stations for in season data collection)	Y	Y	Y	Y
Satellite data archive (optical) (Y/N)	Y			Y
Satellite data archive (others) (Y/N)	Y/N			Y
Hydrological models (Y/N, Local/Regional)	Y	Y	Y	--
Yield models (Y/N, Local/Regional)	N	Y		Y
Other Models	Y			--

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Item	Value	Description
Italian Demonstration Area		
Place	Romagna	Cropped area in the plain SE of Emilia-Romagna
Size	Overall about 50,000 ha	Validation site 300 ha in San Vittore – San Carlo district including 80 farms
Crops	Fruit orchards, grapevine, horticultural and field crops	Peach trees and maize mainly in the validation site
Irrigation Methods	Several	Including spraying and sprinkling
Water management system	Several (pressurized pipes in the validation test site)	Farmers having withdrawal cards pay per volume, others (the majority) pay per irrigated surface and crop type
Irrigation water source	Po and other rivers water, private wells	In the test site Po river water from the Emilia-Romagna Canal
Item	**Value**	**Description**
Morocco Demonstration Area		
Place	Doukkala	Irrigated area of Doukkala
Size	550.000 ha (including 125 000 ha irrigated)	The largest and earliest developed areas in Morocco, remarkable for its size and strategic importance for national production, especially sugar beet (38%) and commercialized milk (20%).
Crop	wheat, sugar beet, alfalfa, corn and truck farming	- Wheat, sugar beet, alfalfa with gravity irrigation and Sprinkler Irrigation. - Truck farming and corn with Drip Irrigation
Irrigation Methods	Several	Gravity irrigation; Sprinkler Irrigation and drip Irrigation
Water management system	Several	irrigation network (3364 Km)
Irrigation water source	Dams	The water resources mobilized for the irrigation comes mainly from the dam Al Massira, a major water storage structure in the region with a capacity of approximately 2760 Mm3.
Item	**Value**	**Description**
Romanian Demonstration Area		
Place	Baragan Plain, in South-East of Romania, and Ialomita-Buzau Basin	Cropped area of the Ialomita, Buzau and Danube rivers plain
Size	Braila research field ca 300 ha - development area of 2.800 ha representative of the whole Braila Island/wet area of ca 30.000 irrigated hectares; Movila farm, Calarasi district	Intensive control of experimental plots and basins, as well as hydro-meteorological analysis at the basin level (including two water user association Demonstration Area test)
Crop	Trees, Maize, Cereals	Trees with drip irrigation, maize sprinkler and

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		drip.
Irrigation Methods	Several	Drop, Sprinkler
Water management system	Several	Pressurized networks, individual farm metering
Irrigation water source	Several	In the plain test site river water Ialomita, Buzau and Danube are used – efficiency of the irrigation systems will be analysed

Item	Value	Description
Spanish Demonstration Area		
Place	Andalucia	Southern Spain 1.1 million irrigated land. The Demonstration Area project will be focused in Middle Guadalquivir Valley.
Size	15,000 ha B-XII Bajo Guadalquivir WAU and 12.000 ha Bembezar MD WAU	Intensive control in sectors of each DA with area to be determined
Crop	Orange, Olive, Maize, Cereals, Sugar beet, Cotton, Tomato, Vegetables	Trees with drip irrigation, maize, cotton, tomato with sprinkler and drip, and sugar beet and cereal with sprinkler and furrow
Irrigation Methods	Several	Drip, sprinkler, furrow
Water management system	Several	Pressurized networks, individual farm metering Pay per volume and per irrigated surface
Irrigation water source	Several	Surface regulated water

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