AfriCultuReS

17 Partners 8 Pilots € 8,5 Million

Enhancing Food Security in African AgriCultural Systems with the Support of Remote Sensing Enhancing Food Security in African AgriCultural Systems with the Support of Remote Sensing

Dervices in development

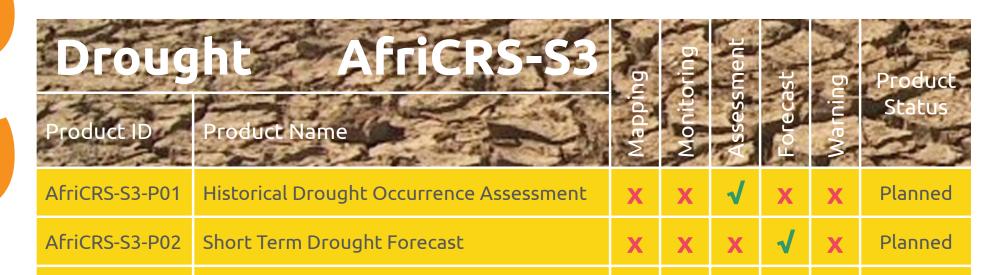




2nd round of

	AFFICRS-S1-P01	Agro-Climatic Condition Assessment	X	X	V	X	X	Planned
	AfriCRS-S1-P02	Seasonal Climate Forecast (CLIMDEX)	x	x	x	√	x	Planned
	AfriCRS-S1-P03	Decadal Climate Predictions (CLIMDEX)	x	x	x	√	x	Planned
_	AfriCRS-S1-P04	Climate Projections (CLIMDEX)	x	x	x	√	x	Planned
	AfriCRS-S1-P05	Seasonal Climate Early Warning (CLIMDEX)	x	x	x	x	\checkmark	Planned

	CFOP Product ID	AFFICRS-S2 Product Name	Mapping	Monitoring	Assessment	Forecast	Warning	Product Status
	AfriCRS-S2-P01	Crop Type Mapping	√	x	x	x	x	Planned
	AfriCRS-S2-P02	Crop Condition Assessment	x	x	√	x	X	Planned
	AfriCRS-S2-P03	Crop Condition Monitoring	x	√	x	x	X	Planned
	AfriCRS-S2-P04	Crop Yield Forecast	x	x	x	√	X	Planned
	AfriCRS-S2-P05	Crop Calendar	x	x	√	x	X	Planned
	AfriCRS-S2-P06	Crop Phenology Assessment	x	x	√	x	X	Planned
_	AfriCRS-S2-P07	Crop Phenology Monitoring	x	√	x	x	X	Planned
	AfriCRS-S2-P08	Crop Early Warning	x	x	x	x	√	Planned
	AfriCRS-S2-P09	Crop Residues Mapping	√	x	X	x	X	Candidate
	AfriCRS-S2-P10	Crop Type Historical Mapping	√	X	X	X	X	Candidate



AfriCRS-S5-P01	Grazing and Rangeland Mapping	√	X	X	X	X	Planned
AfriCRS-S5-P02	Grazing and Rangeland Condition Assessment	x	x	√	x	x	Planned
AfriCRS-S5-P03	Grazing and Rangeland Condition Monitoring	x	√	x	x	x	Planned
AfriCRS-S5-P04	Browsing Capacity Assessment	x	x	√	x	x	Planned
AfriCRS-S5-P05	Browsing Capacity Monitoring	x	√	x	x	x	Planned
AfriCRS-S5-P06	Carrying Capacity Assessment	x	x	√	x	x	Planned
AfriCRS-S5-P07	Carrying Capacity Monitoring	x	√	x	x	x	Planned
AfriCRS-S5-P08	Stocking Rate Assessment	x	x	√	x	x	Planned
AfriCRS-S5-P09	Stocking Rate Monitoring	x	√	x	x	x	Planned
AfriCRS-S5-P10	Bush Encroachment Mapping	√	X	X	x	x	Planned

Water Product ID	AFRICRS-S6 Product Name	Mapping	Monitoring	Assessment	Forecast	Warning	Product Status
AfriCRS-S6-P01	Water Bodies Mapping	√	x	x	x	x	Planned
AfriCRS-S6-P02	Water Quantity Assessment	x	X	√	x	x	Planned
AfriCRS-S6-P03	Water Quantity Monitoring	x	√	x	x	x	Planned
AfriCRS-S6-P04	Water Quality Assessment	x	x	√	x	x	Candidate
AfriCRS-S6-P05	Water Quality Monitoring	x	√	x	x	x	Candidate
AfriCRS-S6-P06	Soil Moisture Assessment	x	x	√	x	x	Planned
AfriCRS-S6-P07	Soil Moisture Monitoring	x	√	x	x	x	Planned
AfriCRS-S6-P08	Water Consumption Assessment	x	x	√	x	x	Planned
AfriCRS-S6-P09	Water Consumption Monitoring	x	√	x	x	x	Planned
AfriCRS-S6-P10	Water Productivity Assessment	x	X	√	x	x	Candidate
AfriCRS-S6-P11	Crop Water Requirements Assessment	X	X	√	X	X	Planned

USEF WOFKShops

- Pretoria, South Africa Tuesday 17th September
- Maputo, Mozambique Thursday 19th September
- Kigali, Rwanda Friday 27th September
- Addis Ababa, Ethiopia Monday 30th September
- Nairobi, Kenya Thursday 3rd October
- Accra, Ghana Wednesday 9th October
- •Niamey, Niger Monday 28th October
- Tunis, Tunisia Wednesday 30th October



AfriCRS-S3-P03	Seasonal Drought Forecast	X	X	X	√	X	Planned	
AfriCRS-S3-P04	Drought Early Warning	x	x	x	x	√	Planned	
AfriCRS-S3-P05	Drought Monitoring	x	√	x	x	x	Planned	



AfriCRS-S4-P01	Land Use Mapping	√	X	X	x	x	Planned
AfriCRS-S4-P02	Land Use Change Monitoring	x	√	x	x	x	Planned
AfriCRS-S4-P03	Land Degradation Assessment	x	x	√	x	x	Candidate
AfriCRS-S4-P04	Land Degradation Monitoring	x	√	x	x	x	Candidate
AfriCRS-S4-P05	Erosion Assessment	x	x	√	x	x	Candidate
AfriCRS-S4-P06	Erosion Monitoring	x	√	x	x	x	Candidate
AfriCRS-S4-P07	Soil Condition Assessment	x	x	√	x	x	Candidate
AfriCRS-S4-P08	Soil Condition Monitoring	x	√	x	x	x	Candidate
AfriCRS-S4-P09	Burnt Areas Mapping	√	x	x	x	x	Planned
AfriCRS-S4-P10	Disasters Mapping	√	x	x	x	x	Planned
AfriCRS-S4-P11	Disasters Monitoring	x	√	x	x	x	Planned

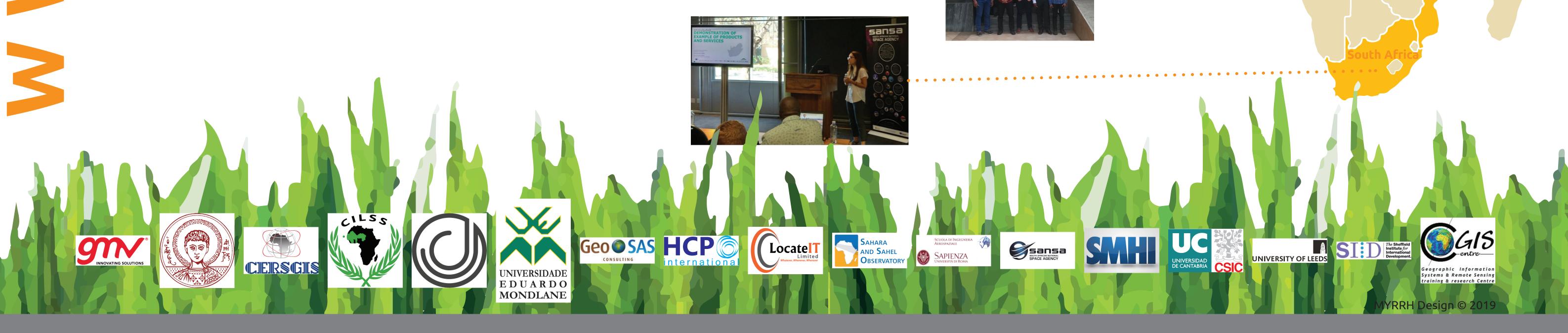
Weather AfriCRS-S7		ing	oring	ssessment	ast	бu	Product
Product ID	Product Name	Mapping	Monitoring	Asses	Forecast	Warning	Status
AfriCRS-S7-P01	Weather Forecast	x	x	x	√	x	Planned
AfriCRS-S7-P02	Weather Extremes Early Warning	x	x	x	x	√	Planned
AfriCRS-S7-P03	Weather Driven Pest and Diseases Forecast	x	x	x	√	x	Candidate

AfriCRS-S6-P12 Crop Water Requirements Monitoring



Faculdade de Agronomia e Engen

A vida começa com plantas



- : GMV Aerospace And Defence SA GMV
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- : Centre Regional Agrhymet CRA
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- : South Africa National Space Agency SANSA
- SMHI : Sveriges Meteorologiska och Hydrologiska Institut
 - : Universidad de Cantabria
- UNIVLEEDS: University of Leeds

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- : University of Sheffield USFD
- : University of Rwanda CGIS

This project has received funding from the European Union's Horizon2020 research and innovation programme under grant agreement No 774652



