



The IT platform under construction – workplan April – September 2015

Satellite Images	
data acquisition (MODIS, Landsat 8, Sentinel 1A, Sentinel 2A, Spot 7)	Terrasphere, Sarvision, LAPAN
algorithm development - SAR (LAI, growth stage)	WUR, Sarvision, LAPAN
algorithm development - optical image (LAI, growth stage)	Terrasphere, LAPAN
production LAI, growth stage (optical)	Terrasphere, LAPAN
generation rice/non-rice mask + basic landuse (SAR-based) (raster + vector)	Sarvision, LAPAN

Hydrologic Model

hydrological data collection	Deltares, PusAir
set up hydrological models	Deltares, Alterra, PusAir, BMKG
coupling hydrological model - crop growth model with DEWS (incl. training)	Deltares, PRI, PusAir, BMKG, Balitbangtan

Deltares

Crop growth model

selection crop growth model	PRI, Balitbangtan
coupling crop growth model with hydrological model	PRI, Deltares, Balitbangtan, PusAir
set up crop growth model	PRI, Balitbangtan
training in crop growth model	

Deltares

Seasonal Weather forecasts

meteorological data collection	KNMI, BMKG
downscaling ECMWF weather forecasts	KNMI, BMKG

Deltares

First release G4INDO platform (Sept/Oct 2015)

workshop	
user training	

Deltares

After October 2015

- Fine tuning models & G4INDO platform
- Monitoring performance during growth season
- Reforecasting / Skill assessment
- Product development JASINDO / Balitbangtan