M. Schroedter-Homscheidt DLR Session services – S3 Irradiance forecasts 3 July 2012

ENDORSE







Overview

- Irradiance forecasts for electricity production
 - Focus on concentrating solar power plants
 - Enhance existing irradiance forecast services from meteorological service providers
 - Support
 development
 of electricity
 production
 forecast service





Source: DLR, Solar Millennium AG

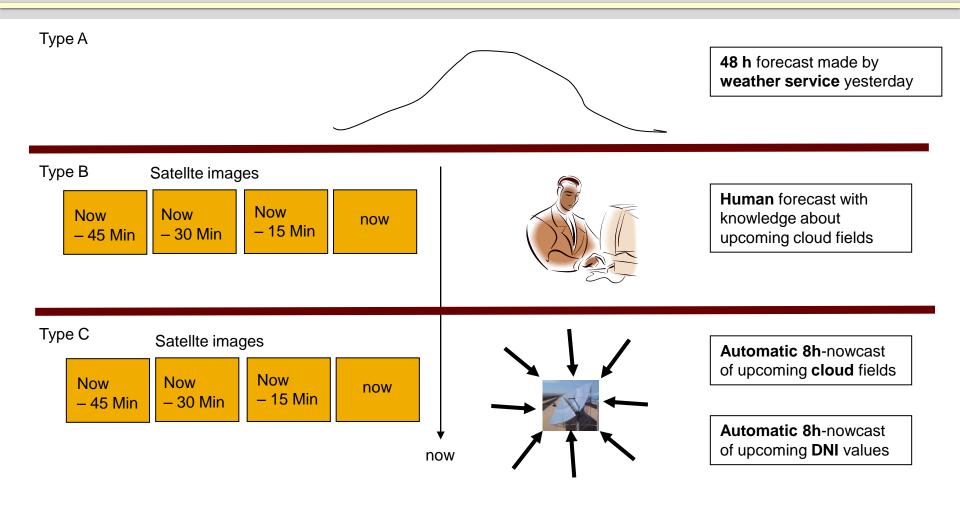


Services

- Commercial service developed at Flagsol
 - With help of ESA Int. Applic. Programme, CSP-FoSyS
 - Demo phase will start in Nov 2012
- Scientific demonstrator provided by DLR
 - Demonstrate the service with one year of historical data on the web
 - World Data Center website
 - Static images, examples of a historic year, for PSA



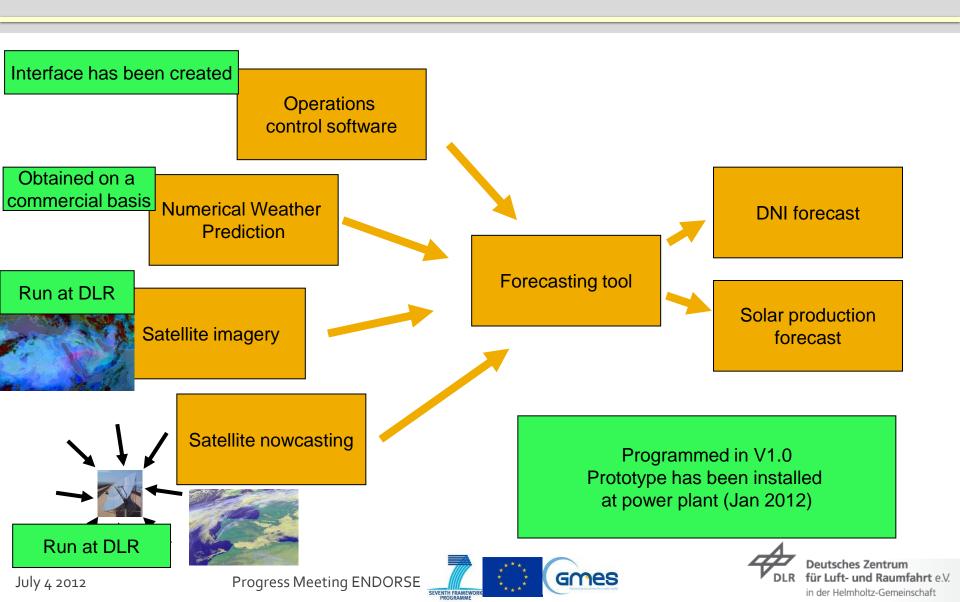
Commercial service's rationale



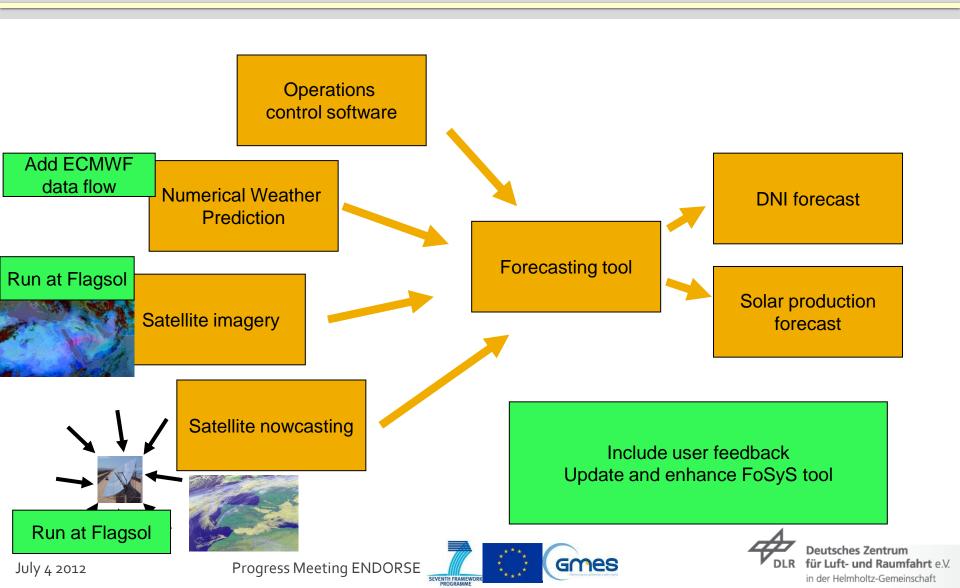




Service at Flagsol - Status



Service at Flagsol – Next steps



Training event

- Took place at Andasol-3
- January 2012









WDC demonstrator

- Static web page
- Examples of a forecasting scheme
- Historic data
- To be implemented in autumn 2012





Use of GMES service and space component

