



## What's operational and what still requires R&D ?

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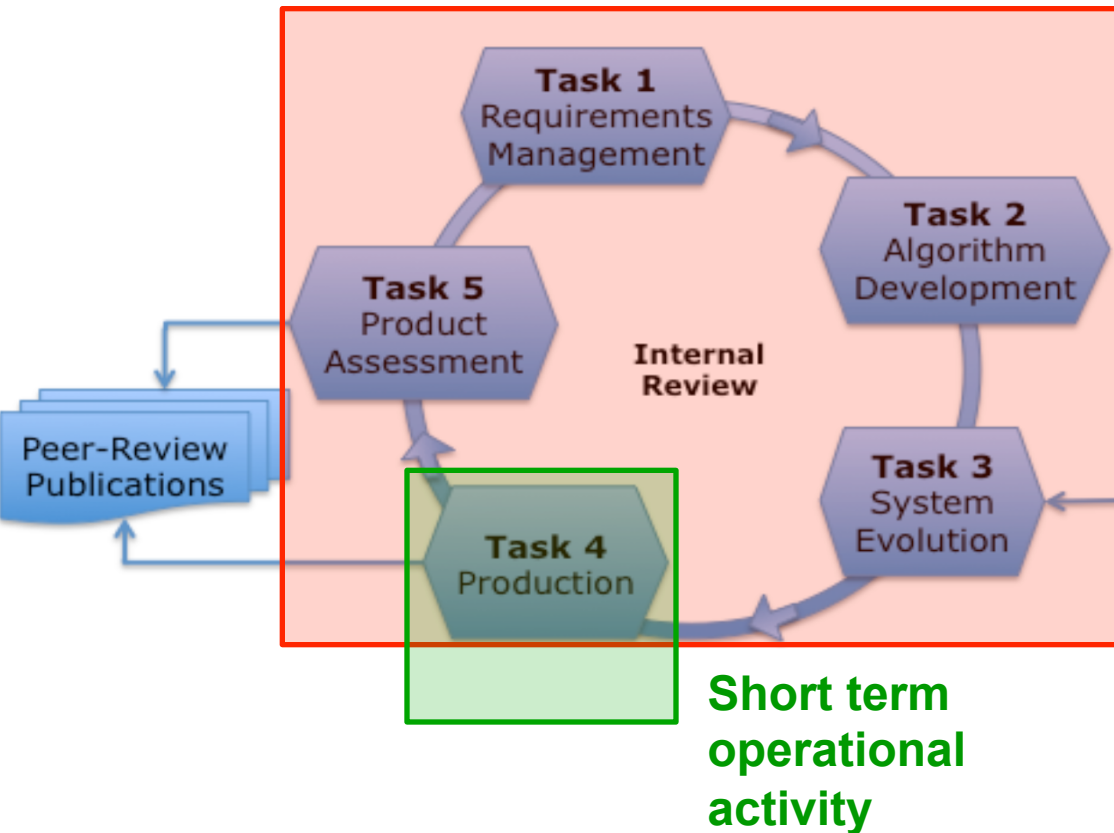
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# Operational system *versus* operational activity ?



*Long term operational can only be achieved at system level by taking into account evolution of needs and EO mission*



**Long term operational system**

*What is a LC operational activity ?*

- input & output data well know
- well documented workflow and procedures
- capacity to cope with unexpected situation



## EO consistent time series production :

- ✓ Global ENVISAT MERIS FR Surface Reflectance
- ✓ ENVISAT ASAR GM & IM Backscattering Coefficient

## Land cover production using MERIS FR/RR & SPOT VGT :

- ✓ 300-m global land cover map for a 5-y epoch (22 classes)
- ✓ 300-m global map of open permanent water bodies
- ✓ 300-m global surface dynamics 7-d time series (greenness/snow/BA)

## Support and upgrade the LC aggregation tool



## EO time series production :

- ✓ AVHRR / PROBA-V Surface Reflectance
- ✓ Sentinel-1 / Sentinel-2 / Sentinel-3 time series

## Land cover production :

- ✓ 300-m annual global land cover map (incl. annual changes)
- ✓ 10-m map of open permanent/temporary water bodies
- ✓ 10-m global land cover map (12 to 22 classes)