

# ForestHype

Assessment of forest damages and estimation of aboveground biomass

## Objectives:

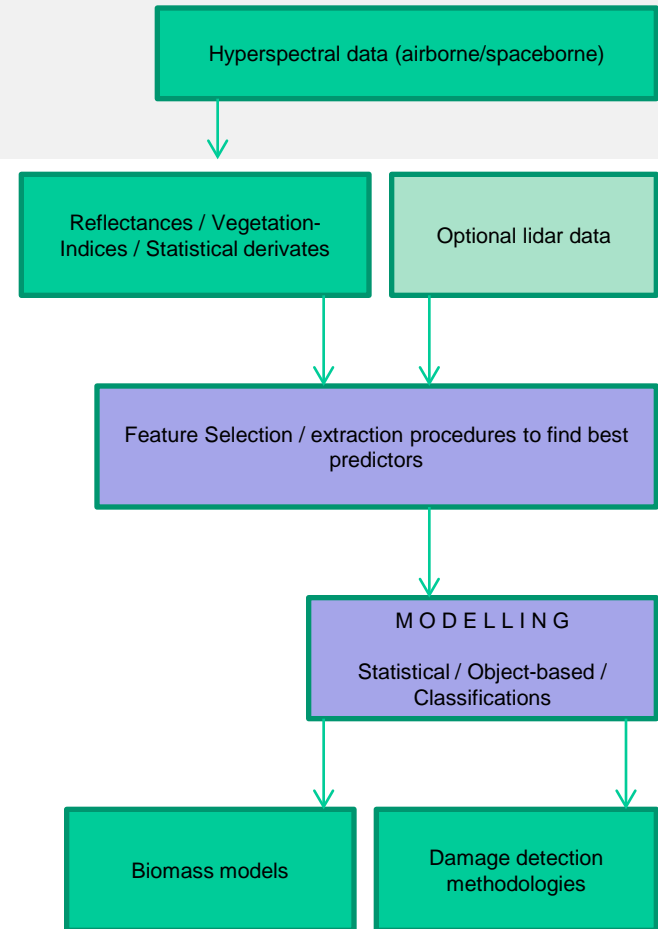
- Development of methods for the early detection of forest damages
- Development of biomass models based on combined lidar-hyperspectral datasets

## Duration / Budget:

- 01/07/2010 – 30/06/2013

## Products / Parameters:

- Newly developed vegetation indices
- Concepts / workflows for the extraction and selection of predictors serving as input to biomass models
- Biomass models



Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Technologie

aufgrund eines Beschlusses  
des Deutschen Bundestages



## Added Value (quantitative /qualitative):

- Fundamental research → no user
- In Future: economic advantages due to reduced forest damages
- Optimization of inventory procedures
- Biomass information as input to clima models

## Additional:

- Project Areas: Karlsruhe, NP Bayerischer Wald (Germany), Monte Oscuro (Chile)
- HyMap, Hyperion, airborne lidar
- Reference data collected in field

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