



# UC5a – LPIS update



This project has received funding from the european union's horizon 2020 research and innovation programme under grant agreement no. 842009



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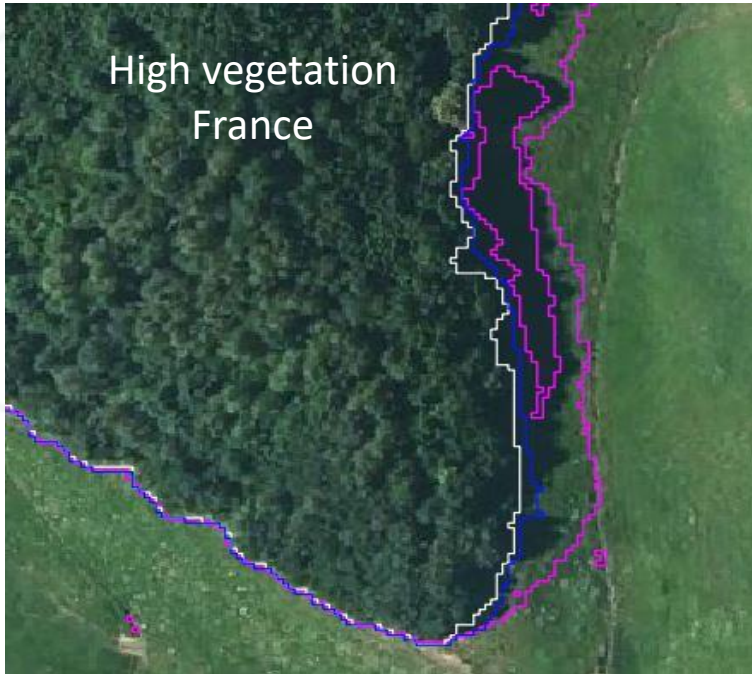
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# Current status and general takes from MMS

- Developed: Five sets of algorithms/types of elements in Denmark and two set of algorithms/types of elements in France
- Joined proposal for subcontracting with UC1a is not in scope anymore
- Difference between the quality of the Danish and French algorithms
- Difference between the quality of the algorithms/types of elements
- Difference in the assessment of the quality of the output, when testing in another country than developed.
- In general, the quality of the algorithms in the current versions can not be used for automatic update

# Testresults

- Difference between the quality of the Danish and French algorithms



# Testresults

- Difference between the quality of the algorithms



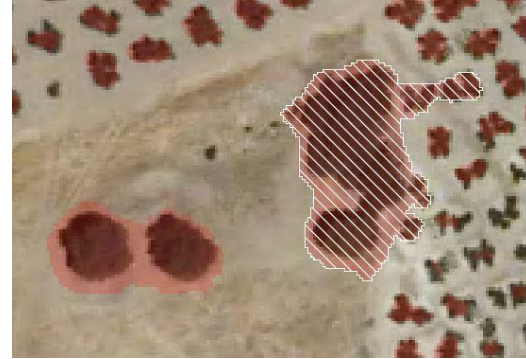
# Testresults

- Difference in testing in another another country – Denmark vs. Spain

QUALITY IN %	Denmark		Spain	
	Detection	Delineation	Detection	Delineation
Artificial covered areas	15%	6%	35%	22%
Ponds	90%	43%	17%	16%
Trees in groups	69%	32%	43%	23%
Trees in rows	70%	62%	33%	24%
Unfortified road + paths	12%	0%	7%	2%

# Testresults

- Difference in testing in another another country – France vs. Spain



# Current results – KPIs

- Drivers for UC5a and to be answered by the KPIs:
  - Quality – does change detection ensure a higher quality of LPIS?
  - Speed – does the change detection ensure faster updating of LPIS?
  - Costs – does the change detection ensure faster updating of LPIS?
- The main KPIs are:
  - A 2 % reduction in costs of algorithms/type of elements developed
  - A speedier updating of LPIS for the algorithms/type of elements developed
- Due to the outcome of the MMS and KPIs the focus in the deployment phase will be improving the algorithms
- The uptake of UC5a tools can depend of the current LPIS-situation in the MS. The main outcome will be as tools for risk analysis to LPIS
- The KPIs will be measured by the end of NIVA

# THANK YOU




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