

# FireWebService

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# Chosen Lots

## Lot B:

Derive information products from the GEONETCast data stream

- organize processing workflows using GIS tools
  - automated selection or filtering of level 1 data
  - combine GEONETCast data with additional resources
- provide access to the results via OGC web services
  - set up the web services
- options
  - Try to integrate the technology of web processing services into your workflows

## Lot D:

Set up the basic building blocks for a local SDI

- set up a portal application

# Proposal

## Utilized Technologies

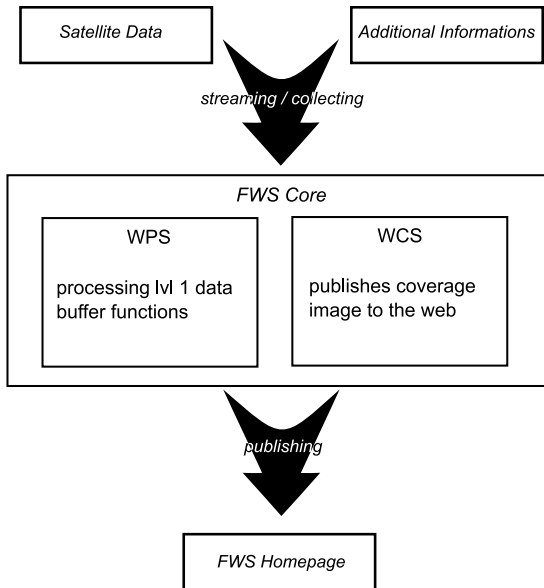
- organize processing workflows → buffer function
- GEONETCast data + additional resources → Wikipedia
- OGC web services → WPS / WCS
- portal application → homepage (portal)

# Motivation for a FireWebService

## Which areas are threatend by fire?

- show active fires
- additional information on fires
  - threatened cities or regions (distance)
  - furter information about the cities or region → wikipedia pages
  - fire size categories (minor, medium, major)
  - fire duration
  - fire statistics → estimate wild fires risk (optional)
  - region statistics (optional)

# Technical Concept



# Time Management

	<b>Holger</b>	<b>Thore</b>	<b>Frederik</b>
Aquire Level 1 Data	20	20	20
WCS	20	50	20
WPS	30	40	30
Bufferfunctions	-	10	20
acq. Additional Resources	10	10	40
Statistics	30	-	-
Portal Application	40	20	20
$\Sigma$	150h	150h	150h