FIRE-RES
Innovative technologies & socio-ecological-economic solutions for fire resilient territories in Europe

VISUAL INSPIRATION MAP
GERMANY-THE NETHERLANDS - WILDFIRE PROFILE

GERMANY-THE NETHERLANDS LIVING LAB

Reaching-up:

30°C
maximum temperature recorded in the summer

< 82%
relative humidity

LAND COVER

The Netherlands

62% Forest

55%	45%
Coniferous	Broadleaves


Scots pine (*Pinus sylvestris*)


Oak tree (*Quercus* sp.)

Germany

19% Forest

54%	31%
Coniferous	Broadleaves


Pine tree (*Pinus* sp.)


Spruce tree (*Picea* sp.)

2019 - 2022

1,112 HA BURNT

Cropland
Shrubland
Forest

RELEVANT MONTHS

April
May
July

Between 2017 and 2022, the Netherlands experienced 550 fires per year in average in spring and summer, the far majority of these fires is not captured by satellites. Ongoing research suggests that these statistics may significantly underestimate the number and impact of these wildfires. The future research results will serve as a crucial baseline for further investigations and informed decision-making. The most common causes of these fires were human-induced, mainly caused by accidents (22%) and deliberately (20%).

DID YOU KNOW?

The Dutch and German fire services are responsible for the fire suppression system.

Fire services are primarily trained to deal with urban fires. Investments in the preparedness to respond to landscape fires are increasing, duo to the need of more forest management tailored to forest fires and limited policy for wildfires.

VISUAL INSPIRATION MAP

GERMANY-THE NETHERLANDS - COMMUNITY OF WILDFIRE INNOVATION

GOVERNANCE

Forest ownership distribution:

The Netherlands

26% Dutch State Forest Service
18% private landowners
15% municipalities

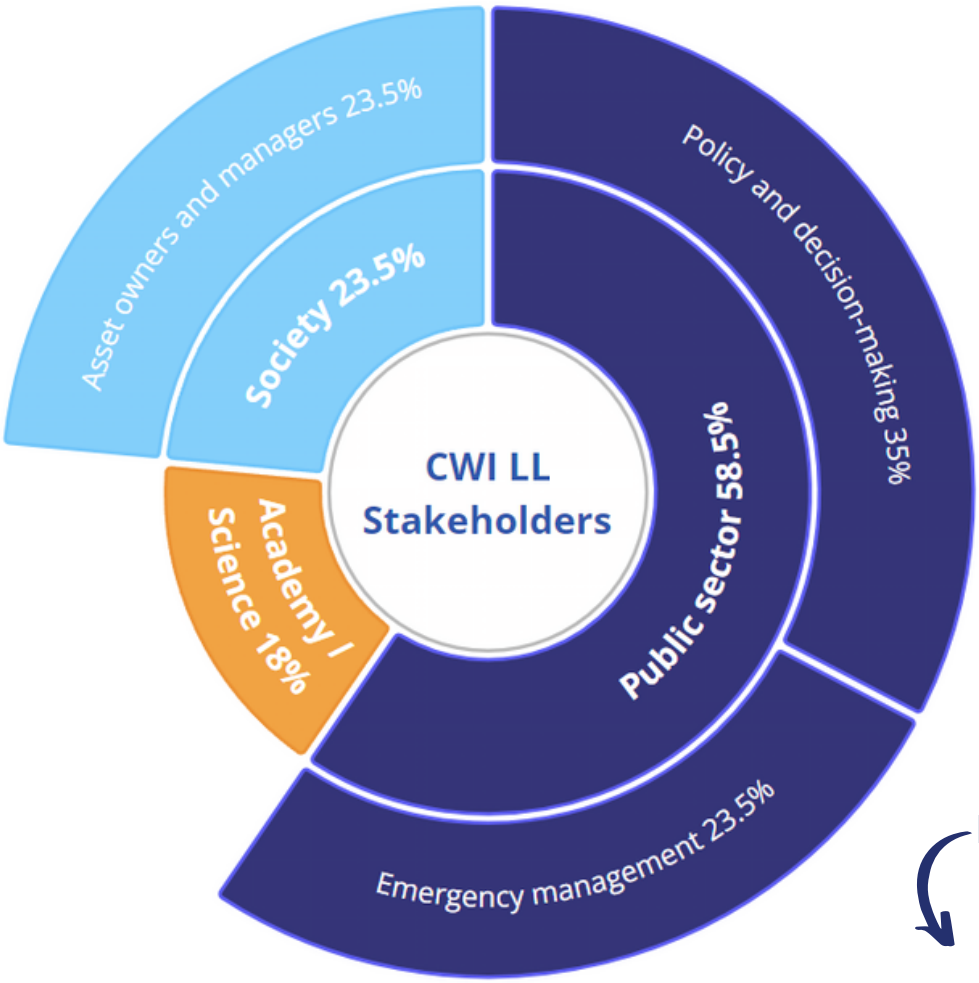
Germany

52% Federal State
48% private & corporately landowners

ACTORS INVOLVED

The Germany-Netherlands community of wildfire innovations (CWI) integrates 34 members, divided into 26 strategic members and 8 operational ones. The CWI members are classified into four types and distributed over the categories of the 4-helix of innovation.

FIRE-RES involves 2 partners from Germany and The Netherlands that include a research and outreach institutions (Wageningen University), and one institution as emergency management sector (Waldbrandteam).



MORE INFO

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