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# IPA FF @ School

- is the awareness raising initiative of the IPA Floods and Forest Fires program (<https://www.ipaff.eu/>)
- provides training for schools of the IPA FF partners (<https://www.ipaff.eu/ipaff-at-school/> )
- asks students to make a mural inspired on 2 keywords: MEMORY and ACTION

The mural is the best of small paintings participating in the contest “Wildfires fighting: it’s my turn!”



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# Training material from the IPA FF consortium

- Address schools' teachers who will adapt it to their needs
- Is an overview on the major issues related to wildfires
- Is accessible through the IPA FF web site



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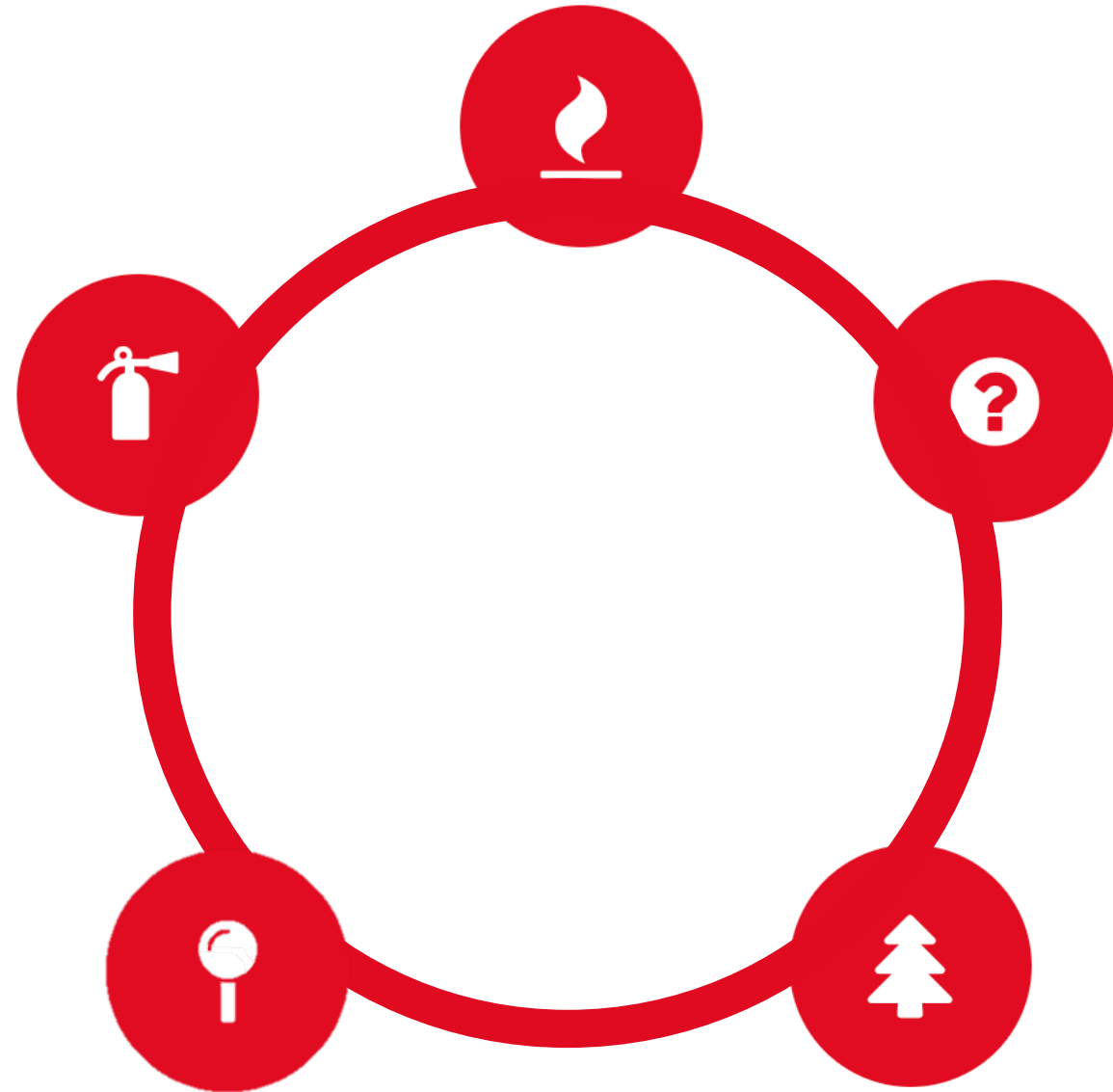


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# Five major issues

1. What are wildfires
2. What causes wildfires
3. What are the effects
4. Where do they occur
5. What can we do





# Wildfires types

From the underground → up high to the canopies

## GROUND FIRES

Slow  
Difficult to contain and suppress  
Heavy damage to roots



## SURFACE FIRES

Can become ground fires



## CROWN FIRES

Fast spreading



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# Wildfires types

Wildfires include the **WILDLAND URBAN INTERFACE**

## SPOTTING FIRES

Can travel a long distance



## WILDLAND URBAN INTERFACE FIRES

High risk for human settlement  
Need specific management procedures



## RURAL FIRES

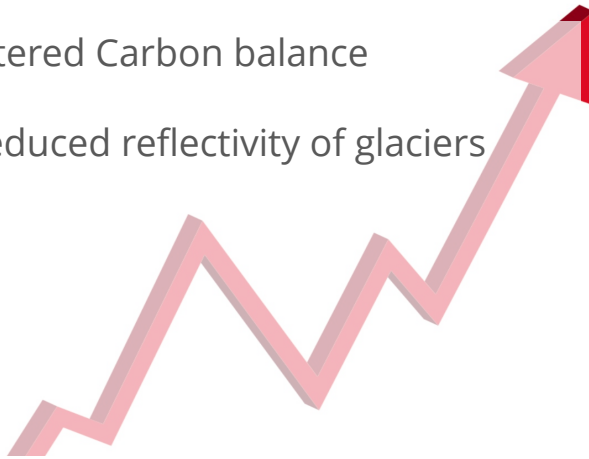
Limited risk and large geographic area



# The Global Warming connection

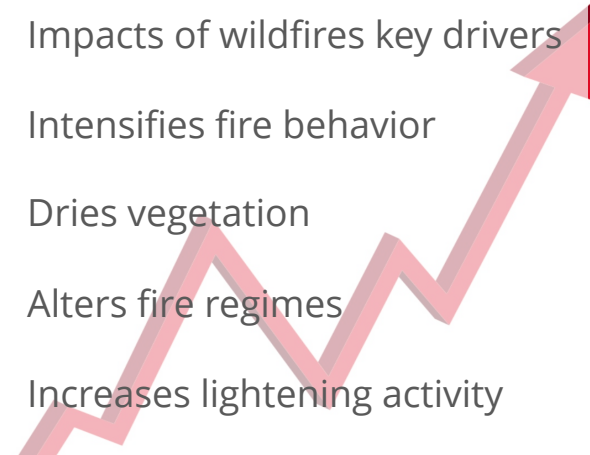
## WILDFIRES INCREASE GLOBAL WARMING

Altered Carbon balance  
Reduced reflectivity of glaciers



## GLOBAL WARMING INCREASES WILDFIRES

Impacts of wildfires key drivers  
Intensifies fire behavior  
Dries vegetation  
Alters fire regimes  
Increases lightning activity  
Threats forest regeneration  
Increases length fire seasons





# Major causes of wildfires

NATURAL - 1%

ANTHROPIC - 99%



Lightning strikes



Volcanic related phenomena



Discarded cigarettes

Outdoor leisures activities



Equipment sparks



Droughts



Global Warming



# Actions

## What can we do

- Share responsibilities
- Increase coping capacity
- Decrease vulnerability

## What can you do



# Actions

## What can we do

- Share responsibilities
- Increase coping capacity
- Decrease vulnerability

## What can you do

**BEFORE**



## GET YOUR PEOPLE READY

- Be informed
- Get and provide alerting
- Plan the emergency



## GET YOUR HOUSE READY

- Clean up potential fuel material
- Have an emergency room
- Have a ready water source



# Actions

## What can we do

- Share responsibilities
- Increase coping capacity
- Decrease vulnerability

## What can you do

- BEFORE
- DURING

Know  
WHAT TO DO



Know  
WHERE TO GO





# Actions

## What can we do

- Share responsibilities
- Increase coping capacity
- Decrease vulnerability

## What can you do

- BEFORE
- DURING
- AFTER**



Avoid hot ash, charred trees, smouldering debris, and live embers.



# Memory



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