

### Alpine Forest Fire Danger Scale – version3 – Common Information approved

<b><i>Danger levels</i></b>	<b><i>Potential Fire Ignition</i></b>	<b><i>Potential Fire Behaviour</i></b>
<b><i>Very low</i></b> <b>1</b>	<i>Ignition is hard. Use of flammable material is necessary.</i>	<i>Plume of white smoke. Very low fire spread. No significant spotting process.</i>
<b><i>Low</i></b> <b>2</b>	<i>Small probability of ignition.</i>	<i>Plume of white and grey smoke. Low fire spread. Low spotting process</i>
<b><i>Medium</i></b> <b>3</b>	<i>A fire can be caused by a single match.</i>	<i>Big plume of grey smoke with a dark basis. Fire spread increase. Medium Spotting process</i>
<b><i>High</i></b> <b>4</b>	<i>A match causes a fire without fail.</i>	<i>Big plume of russet-red and black smoke. Fire spread is now high. High Spotting process</i>
<b><i>Very high</i></b> <b>5</b>	<i>A fire can be caused by merely a single spark.</i>	<i>Big plume of black smoke. Fire spread is very high with an intense spotting process</i>



*A common Alpine Forest Fire Danger Scale has been approved by the ALP FFIRS community. The common Scale allows fire fighting and prevention agencies in the partner countries will speak the same language on the risk and type of forest fire at any time. That way they can improve planning for patrols or helicopter availability, as well as implement mutual aid actions in case of severe events. The Scale uses clear colour codes and simple text, making it ideal for risk communication to people to avoid dangerous behaviour. It's trans-nationality make it suitable for tourist information (e.g. in parks or at campsites).*

➤ **Common Information approved by the ALP FFIRS community**

- 5 levels
- Potential danger of fire ignition (qualitative description)
- Potential fire spread (qualitative description)

➤ **Regional Specificities (to be done by partners for the final version)**

- Sub danger levels (if necessary)
- Fire index nature
- Fire index thresholds
- Quantitative estimations of fire behaviour (spread and intensity) (if possible)
- Potential Fire fighting
- Potential Public information