

# **Table 2 - Forest Degradation and Nature Restoration**

Chair: Tim HARTL

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## **Restoration activities in two areas affected by wildfires**

**Paolo Battelli, Unione Dei Comuni Mediavalle Del Serchio**

## **Use of LiDAR and satellite for forest health assessment and monitoring**

**Tristan Perret, Forestry Club de France**

## **Programmes to support biodiversity in Finnish forests**

**Timo Lehesvirta, Metsä Group**

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<p><b>Case 1</b> Restoration activities in two areas affected by wildfires</p> <ul style="list-style-type: none"> <li>- Paolo Battelli, Unione Dei Comuni Mediavalle Del Serchio</li> </ul>	<p><b>Case 2</b> Use of LiDAR and satellite for forest health assessment and monitoring</p> <ul style="list-style-type: none"> <li>- Tristan Perret, Forestry Club de France</li> </ul>	<p><b>Case 3</b> Programmes to support biodiversity in Finnish forests</p> <ul style="list-style-type: none"> <li>- Timo Lehesvirta, Metsä Group</li> </ul>
<p><b>Key messages</b></p> <ul style="list-style-type: none"> <li>- Nature reacts slowly, we need active measures</li> <li>- Climate change affects forests</li> <li>- SFM is key!</li> <li>- Output: technical handbook / community involvement</li> </ul>	<p><b>Key messages</b></p> <ul style="list-style-type: none"> <li>- Satellite and Lidar enable to monitor aspects of forest health</li> <li>- Development of decision support tool based on modelling</li> </ul>	<p><b>Key messages</b></p> <ul style="list-style-type: none"> <li>- Comparison of production systems and measures that Metsä group implements</li> <li>- Adaptation, nature based solutions, secure wood production → win-win-win</li> <li>- Increase provision of all ES while keeping steady wood production</li> </ul>

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## Key take-aways from discussion

“As a common challenge, we have to face complexity. We need to be innovative to find common indicators translating through all type of forest.”

“SFM is the common denominator of all cases we discussed. We face a need to manage, and management requires access to forest.”

“Local forest management plans need to anticipate long term climate change at global, regional, and local levels as a basis for adapting forest composition, enhanced biodiversity, and evolving markets. For this multi level survey systems are essentials tools. “