

# Introduction to WG1: Material capability and enhancement

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#### **Aims**

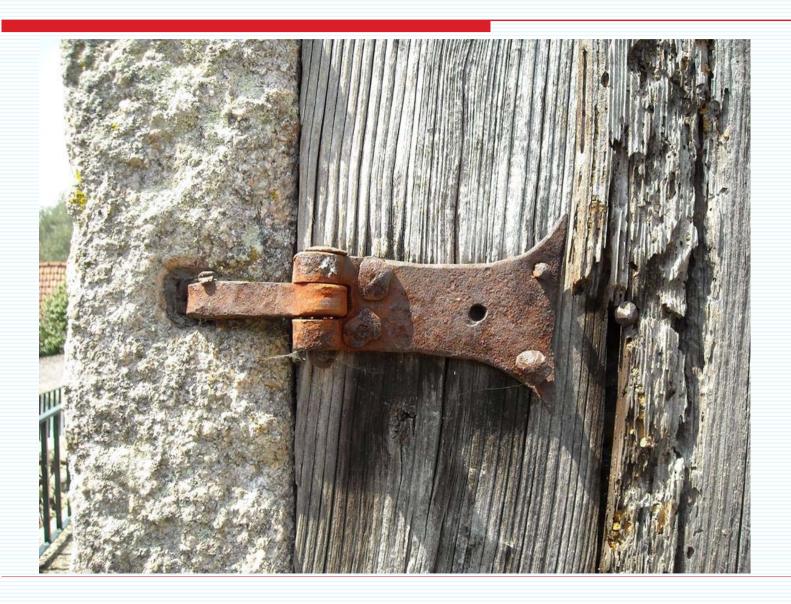
Fundamental understanding of the interaction between decay organisms and the bio-based substrate with respect to:

 Aesthetical and decay aspects related to rot, staining and mould fungi (insects?)





## **Aims**



#### Aims

- Contributing factors related to degradation
- Assessment / Boundaries of surface desfigurement
- Protective measures (physical, chemical, biological, organizational protection)
- Remediation strategies

#### **Deliverables**

- □ Better understanding of onset of decay, its prevention/remediation.
- Prediction models
- New technologies for enhancement of material properties.
  - Surface protection and modification
  - Indirect protection methods
- Performance of materials (wood and other biobased materials) in different environment and climatic conditions.

#### Work Plan / Dissemination

- Collaborative projects
  - WoodWisdom
  - Horizon 2020
- Coordinated research efforts
  - Round robin tests
- Peer-reviewed publications
- Workshops

#### Work Plan / Dissemination

- Cooperation with other WG and other actions
- Training schools
- □ Round robin test (all WPs?)
- □ IRGWP
  - Section 1: Biology
- ECWM







### Comments, Ideas....

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