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@_CrossForest

23/06/2021, virtual meeting

Closure event

Cross Forest

CROSS Harmonization & HPC modelization of FOREST Datasets

Action 2017-EU-IA-0140
INEA/CEF/ICT/A2017/1566738



Co-financed by the Connecting Europe
Facility of the European Union





Project introduction

23/06/2021, virtual meeting

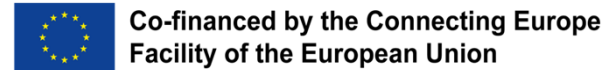




Duration: 35 months
(01/09/2018 – 31/07/2021)

Cross-Forest introduction

Cofunded by EC - INEA (now HaDEA)
(Innovation & Networks Executive Agency)



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OBJECTIVE

Keep forest information always available and updated, to make exploitation easier for all stakeholders involved in forest management and research

To develop a common platform and a cross-border data model (ontology) shared between Portugal and Spain, for the publication of forest inventories and maps in Linked Open Data format (LOD)

Two use cases based on the published data:

- CAMBRIC to estimate the evolution of forests
- FRAME to assess forest fires behavior

Use of High-Performance Computing (HPC), due to the complexity of the models to be employed and to the need of performing multiple simulations.

Cross-Forest partnership



Supporting entities & data providers



Advisory Board





Presentation of the agenda



23/06/2021, virtual meeting



● Agenda 23/06/2021

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Date: 23/06/2021
Time: 10:00-14:10 (UTC+01:00)

10:00 - 10:10	<p>Opening of the event and welcome</p> <p>Guillermo Fernández Centeno (Subdirector General de Política Forestal y Lucha contra la Desertificación - MITECO)</p> <p>Valentín Gómez Mampaso (Subdirector de Innovación y Desarrollo de Servicios - Grupo Tragsa)</p>
10:10 - 10:20	<p>Cross-Forest introduction & Presentation of the agenda</p> <p>Asunción Roldán Zamarrón (Subdirección de Innovación y DS - Grupo Tragsa)</p>
10:20 - 10:35	<p>Strategy for Environmental Open Data publication in Spain</p> <p>Elena Robla González (Jefa de Área de Estadística e Inventario - MITECO)</p>
10:35 - 10:50	<p>Portuguese National Spatial Data Infrastructure (SNIG) and the open data approach</p> <p>Paulo Patrício (Diretor de Serviços de Geodesia, Cartografia e Informação Geográfica - DGT)</p>
10:50 - 11:15	<p>Datasets published as Linked Open Data (LOD) and ontologies in Cross-Forest</p> <ul style="list-style-type: none"> - Published datasets from Portugal and Spain, Iberian datasets <p>Belén Fierro García and Marta Lerner Cuzzi (Gerencia de Desarrollo Rural y Política Forestal - Grupo Tragsa)</p> <ul style="list-style-type: none"> - What is LOD? Ontology development and data transformation <p>Telmo Jurado Riera (Gerencia SIG - Grupo Tragsa) and David Portolés Rodríguez</p>
11:15 - 11:40	<p>Tools for data exploration & live demonstration</p> <p>Guillermo Vega Gorgojo (Universidad de Valladolid - GSIC)</p>
11:40 - 11:50	<p>Coffee break</p>
11:50 - 12:10	<p>Use of HPC (High Performance Computing) resources in Cross-Forest</p> <p>Jesús Lorenzana Campillo (Supercomputación Castilla y León - SCAYLE)</p>
12:10 - 12:50	<p>Simulations based on published data</p> <ul style="list-style-type: none"> - Pilot CAMBrlc - CALidad de la Madera en Bosques mlxtos <p>Cristóbal Ordóñez Alonso and Felipe Bravo Oviedo (Universidad de Valladolid - iuFOR)</p> <ul style="list-style-type: none"> - Pilot FRAME - Forest fiRes Advanced ModElization <p>Felipe Aguirre Briones and Víctor Gonzalvo Morales (Gerencia de Incendios y Emergencias - Grupo Tragsa)</p>
12:50 - 13:00	<p>Final remarks about Cross-Forest</p> <p>Alexandra Fonseca and Ana Luisa Gomes (Direção-Geral do Território - DGT)</p>
13:00 - 14:00	<p>Roundtable: "Next steps in LOD publication and exploitation in the forestry domain"</p> <p>Guillermo Fdez-Centeno (S.G. de Política Forestal y Lucha contra la Desertificación - MITECO)</p> <p>Roberto Rodríguez Álvarez (Subdirector de Ayudas Directas - FEAGA)</p>

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Open discussion



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- Open discussion

Thanks!



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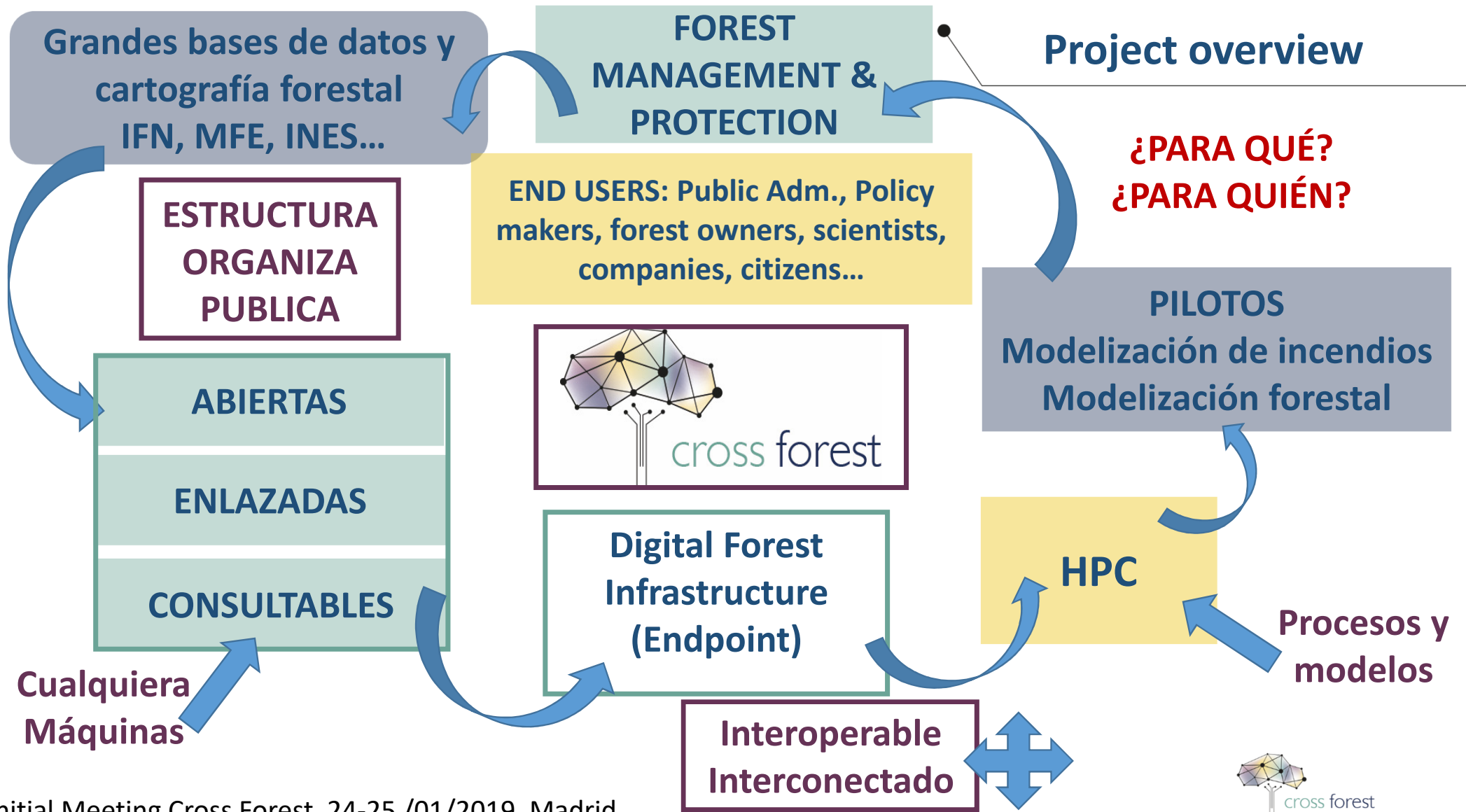
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Initial Meeting Cross Forest, 24-25 /01/2019, Madrid



Grandes bases de datos forestales nacionales, periódicas, gran calidad



Publicación como datos abiertos y enlazados Linked Open Data (LOD)

Disponibles en un repositorio público (Endpoint)



USUARIOS: Administraciones Públicas, propietarios y gestores forestales, científicos, empresas, ciudadanos...

Publicación de datos abiertos (LOD)

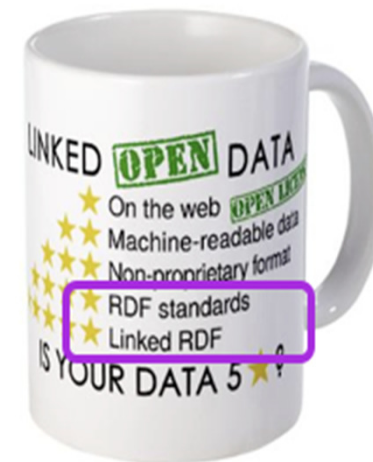
Acceso más fácil y controlado

Interconexión con otras bases de datos

Formato entendible por máquinas

Procesos y consultas on-line

Desarrollo de servicios y aplicaciones



LOD: conjunto de buenas prácticas para la publicación de datos on-line de manera estructurada. Web de Datos o Web Semántica

