

Future proofing strategies FOr RESilient transport networks against Extreme Events

H2020-MG-7-1-2017: Resilience to extreme (natural and man-made events)

Governance to improve Public Procurement Processes

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Digital procurement

- **Tenders Electronic Daily**
- Online portal publishing thousands of public procurement notices from the EU, the European Economic Area, and beyond.
- European single procurement document and eCertis
- Self-declaration form used by companies to participate in public procurement procedures.
- **eForms**
- Standard forms used by public buyers to publish procurement notices on Tenders Electronic Daily (TED).
- elnvoicing
- European Standard for elnvoicing, situation in EU and EEA countries, collaborative space for stakeholders, standardisation, and funding.
- Common procurement vocabulary
- Single classification system to standardise the references used to describe procurement contracts.
- Expert groups
- Expert groups focused on the implementation of EU rules related to digital procurement, sharing good practice, and discussing future policy.
- **Emerging technologies in public procurement**
- Study examining how public authorities are using new technologies when procuring goods and services.



eProcurement timeline



Initiatives

- **Connecting Europe Facility**
- Once Only Principle project (TOOP)
- **EU eProcurement Ontology**
- Digital Whistleblower project (DIGIWHIST)
- **They Buy For You**
 - e-SENS
- **Internal Market Information System**
- **Open e-PRIOR**





European research for a stronger and more resilient multimodal transport infrastructure.

FORESEE Governance Module

WT3 Work package descriptions

The main objective of this WP is to develop a baseline and a target Level of Service and resilience assessment by

- . Developing a guideline and defining metrics (KPIs and KRIs) to measure the Level of Service and resilience of multimodal rail and road networks.
- Developing guidelines to set target values of the Level of Service and resilience to be provided by multi-modal infrastructures.
 Integrating the measures of the Level of Service and resilience in governance and management of infrastructures.

TASK 1.3

Integration of Level service and resilience measures for governance

Deliverable D1.3 Examples of using Levels of Service and resilience in governance

This deliverable will consist in a decision-making tool for risk governance, through risk KPIs along three phases of risk management, prevention resilient design, action five levels intervention and rehabilitation in service (Task 1.3).

The Governance Module has been implemented following a BPM approach

The main objective of Business Process Management (BPMN) is to provide a standard notation understandable by all business stakeholders

- . Business analysts: create and refine the processes
- Technical developers: Implementation
- . Business managers: monitor processes

BPMN provides a common language, bridging the communication gap that frequently occurs during design and implementation.

BPMN diagrams are deployed in BPM Engines, and Ragtime Governance Module implements a workflow engine.

Here you can access to the following apllications:

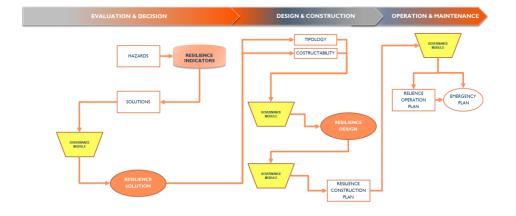
FORESEE Identity Mnagment (IDM) - an Identity Management application that provides single sign-on authentication functionality for all the Flowable UI applications, and, for users with the IDM administrative privilege, it also provides functionality to manage users, groups and privileges.

FORESEE Modeler - an application that allows users with modeler privileges to model processes, forms, decision tables and application

FORESEE Task - a runtime task application that provides functionality to start process instances, edit task forms, complete tasks and query on tasks and process instances

Work package Participants:

- . UC Cantabria University
- · tecnalia) TECNALIA





- Determine hazards indicators to be faced.
- Define service and resilience to reach.
- Define targets to reach.
- Candidates providing verifiable indicators and targets.
- GovernanceModule
- Selection Solution



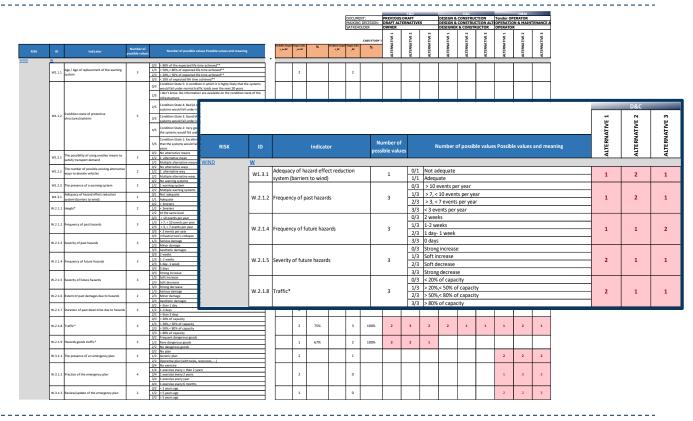


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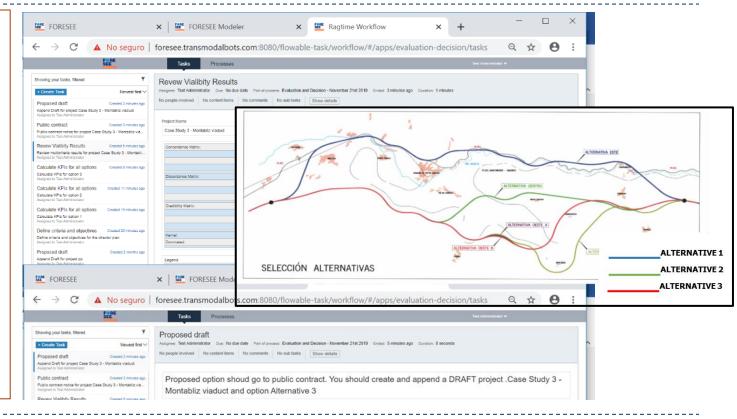


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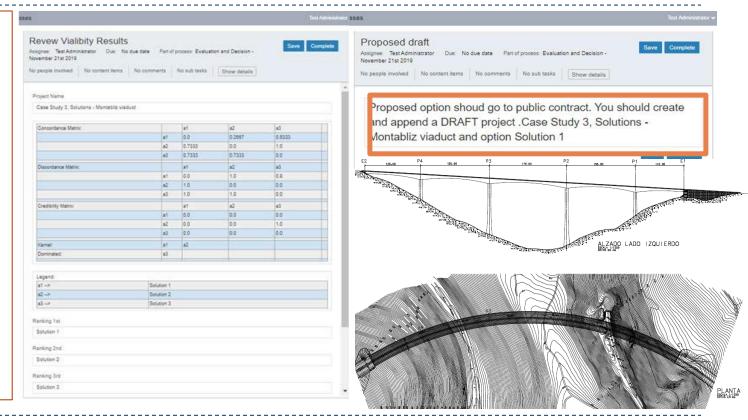


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- Define service and resilience
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- Defined resilience solutions to service and targets by hazards indicators
- GovernanceModule
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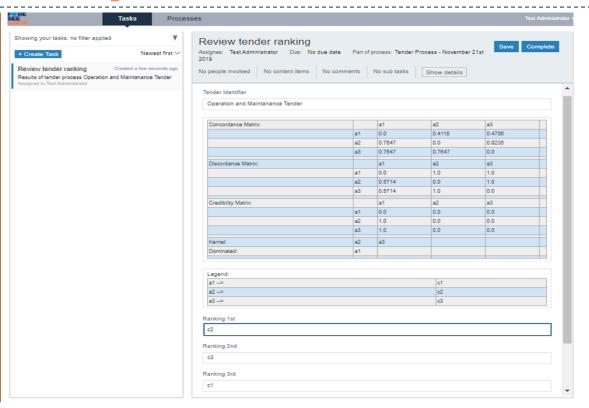


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SUMMARY

- Provides effective, transparent and automatic support to governance decisionmaking
- Can be used by all stakeholders: in any process.
- Applicable the whole life cycle.



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TASK 13

Integration of Level service and resilience measures for governance

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FORESEE consortium











































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Name of the partner. Website Address

LOGO partner



