Common template for risk assessment and management operational tools and best practices identification (Action B1)

Title: Operational Tools and Best Practices for Risk Assessment and Management

The identification of tools and best practices on risk assessment and management helps providing an idea of the state of the art in the field. By completing this form, the best practice will be included in the knowledge repository platforms and available for the practitioner community to use. We encourage the user to complete as many fields as possible from the template in order to provide the most relevant information needed to apply the best practice to other practitioners. Instructions:

- **Blue boxes are mandatory fields**
- **More than one item can be selected in multiple choice boxes**

Document classification

Title	**WALD-WIKI – Platform for Your Knowledge, Forest and Region**
Description *[1 sentence]*	**WALD-WIKI (Eng. Forest-Wiki) is a wiki for private forestry associations that enables them to organize operations and establish a system to compile, generate, share, disseminate and continuously update expertise and empirical knowledge on climate change, crisis management, and transformation in forest ecosystems.**
Country, location	**Germany**
Date	**2019 (under development)**
Contact e-mail	**yvonne.hengst-ehrhart@forst-bwl.de**
Institution	**Forest research institute of Baden-Wuerttemberg; Fraunhofer Institute for factory operation and automation IFF; AGDW – Die Waldeigentümer; Waldbesitzerverband Niedersachsen e.V.; Waldbesitzerverband Sachsen-Anhalt e.V.**
Net Risk Work Partner	**FVA**
Document type	**Website or portal**
Language	☐Catalan ☐English ☐French ☒German ☐Italian ☐Spanish ☐Other
Source/origin	☒Partner's expertise ☒Expertise from the network ☐Other (internet)

Topic

Area	☒Risk assessment		☐Risk Planning	☒Risk Management
Risk	☐**Wildfires**	☐Fire behaviour patterns and typologies ☐Fire ignition and spread models ☐Wildland urban interface		☐Fuel management ☐Fire service needs ☐Prescribed burning ☐Other [*Introduce which ones*]
	☐**Storms**	☐First measures after storm ☐Work safety during salvage logging ☐Timber storage and cost containment ☐Forest protection and pest control		☐Regeneration and afforestation ☐Preventive sylvicultural measures ☐Other [*Introduce which ones*]
	☐**Avalanches**	☐Technical protective measures ☐Maintenance of protection forests		☐Other [*Introduce which ones*]

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	☐**Floods**	☐Prevention through land use management ☐Technical protective measures		☐Other [*Introduce which ones*]
	☒**Other**	Risk-information on all levels, open for every risk type		[*Introduce which ones*]
Cross-sectoral topics	☐Risk and vulnerability assessment and mitigation ☐ Cost-effectiveness assessment ☐ Civil protection, emergency and post-disaster management		☒ Risk planning, governance and policy framework ☒ Community involvement and risk communication ☐Other: [*Introduce which ones*]	
Level	☒Local	☒Regional	☒National ☐Cross-border ☐EU ☐Global	
DRM cycle phase	☒Prevention	☒Preparedness	☒Response	☒Recovery
DRM domain	☒Policy making	☐Early warning system	☐Disaster response	
Sendai priorities	☐Priority 1: Understanding disaster risk ☒Priority 2: Strengthening disaster risk governance to manage disaster risk ☐Priority 3: Investing in disaster risk reduction for resilience ☐Priority 4: Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction			
Contribution to Sendai Targets	☐Reduce global disaster mortality ☐Reduce the number of affected people ☒Reduce the direct disaster economic loss ☐Reduce disaster damage to critical infrastructure ☐Increase the number of national and local disaster risk reduction strategies ☐Enhance international cooperation to developing countries ☒Increase availability of and access to multi-hazard early warning systems and disaster risk information and assessment			

Description and analysis

Summary: quick presentation of the Good Practice [*Objective: summarize in a few lines the key elements of the good practice*]
Wald-Wiki (Eng. Forest-Wiki) is a platform from private forest owners and private forest owner associations for private forest owners to provide support, to transfer knowledge and to establish partnerships between among forestry associations. It is initially filled by the project partners and shall be supported be the community itself after the end of the project by independently sharing and maintaining the information base of the platform.

Place in national/regional policy [*Mentioned in the law/regulation/guidelines? Mandatory? Recommended?*]
The project is funded by the German forest climate fund. (public funds) but performed by private organizations.
[*free text – 5 lines max*]

Goals and achievements [*Objectives, goals and the achievements of the Good Practice*]
The wiki shall inform private forest owners and sensitize them about topics like, good forestry practices, associated risks and climate change. Warning, reporting and help structures for fast self-aid is supported by the platform and practical information to cope with emergency situations.
[*free text – 5 lines max*]

Actors involved [*Explain who is involved in the development: practitioners, stakeholders, educators, …*]
Main drivers are private forest owner associations. The project involves public research institutions. When the platform is established, it is open to the public. Everybody can add content, reviewed by the hosting forest owner association.
[*free text – 5 lines max*]

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Implementation stage *[Is it operational? Since how long? Is it a pilot experiment?]*
The platform is currently under development with a planned launch date in 2019.
[free text – 5 lines max]

State of technical knowledge *[state of the art and technical background of the Best Practice]*
The platform is based on a wiki-engine, an easy type of content management system which allows (registered) users to add and change contents via their web browsers.
[free text – 5 lines max]

Context *[regulatory, socio-economic, political]*
In Germany, (small-scale) private forest owners are very dependent on state consultancy and in several regions self-organization is low. In order to support the independence of private forest owners and their associations, the "Wald-Wiki" shall provide a digital platform.
[free text – 5 lines max]

Detailed Characteristics [*Objective: detail the implementation conditions of the Good Practice*]

Description of the implementation steps *[different stages in the implementation process, duration]*
The project covers five phases: (1) needs assessment to identify relevant contents (bottom-up approach); (2) development of technical and organizational structures; (3) content creation for the initial filling of the database and test of the digital infrastructure; (4) test of the prototype website with pilot users to assess the user-friendliness; (5) launch of the portal. The whole process is planned to be finished after four years.
[free text – 5 lines max]

Governance *[responsible authority and roles of the different actors involved]*
The project is a private governance initiative to support the independence of private forest owners and their associations.
[free text – 5 lines max]

Necessary means to implement the Good Practice in efficient conditions *[human resources, materials, financial...]*
The structure of the wiki needs to be defined in its hierarchies and provide templates for articles. There is a need for a quality control system, here authors get new rights step by step and new authors' contents are checked prior to their activation online. Cooperation structures (including professional institutions and private users) to build up a wiki-community need to be established and maintained.
[free text – 5 lines max]

Challenges encountered during implementation and solutions incurred
Wrong or missing information in the Wiki can be a challenge. An admin group is necessary to check articles by unknown authors and add important information that is not covered by the authors' community. Like in other wikis, every user can report wrong information.
[free text – 5 lines max]

Priorities identified for successful implementation of the Good Practice
The bottom-up process was identified as important starting point for the project to realize information gaps and to increase the acceptance of the tool.
[free text – 5 lines max]

Impact of the Good Practice [*Objective: evaluate the impact of the Good Practice*].

[Added value on decision processes, on national policies or regulations, on relationship with stakeholders, etc.]
Private forest owners should be given more independence from state consultancy ("passive" information) towards a more self-initiative acquisition of knowledge and better networking between owner associations. This is important against the backdrop the climate change which changes the risks concerning natural hazards, increasing the need for a well-informed risk management in forest

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stands.
[free text – 5 lines max]

Future developments *[Objective: understand the follow-up perspectives]*
[Continuation, future improvements,] The continuation will by secured by an admin team which adds articles and supervises external content. *[free text – 5 lines max]*

External resources *[Objective: provide further information]*	
Attached materials	*[include format (document, photo, video…) and name of the file]*
Web links	Information website with project flyers in German and English: http://www.holzlogistik.iff.fraunhofer.de/wiki.html
Contacts	Lead partner: AGDW – Die Waldeigentümer : sorgenfrei@waldeigentuemer.de Technical questions: Fraunhofer Institute for factory operation and automation IFF ina.ehrhardt@iff.fraunhofer.de

[Additional information - optional]

Lessons learnt [*Objective: compare the results obtained to the objectives set at the start of the Good Practice]*
Evaluation process, if exists (internal or external) *[free text – 5 lines max]*
Assessment of results (quantitative and qualitative) and comparison with main goals *[free text – 5 lines max]*
Negative aspects identified *[free text – 5 lines max]*
Unexpected consequences (short / mid / long term) and corrective measures implemented *[free text – 5 lines max]*

Durability and transferability [*Objective: evaluate the integration of the Good Practice and its sustainability, give recommendations for transferability]*			
Is this information:	**Replicable** ☐	**Measurable** ☐	
Regulatory Framework *[free text – 5 lines max]*			
Stability of the human environment *[Stability of partnership, structures, population enabling successful implementation and positive impact in the long term]*			

[free text – 5 lines max]
Financial requirements *[business model]*   *[free text – 5 lines max]*
Success factors *[political, technical, human, financial...]*   *[free text – 5 lines max]*
Risk factors *[legal, financial, safety…]*   *[free text – 5 lines max]*
Additional and non-formal experiences contributing to the implementation of Good Practice   *[free text – 5 lines max]*