

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	KoNeKKTiW project (competence network climate change, crisis management and transformation in forest ecosystems)
Description <i>[1 sentence]</i>	KoNeKKTiW project is the umbrella for a Community of Practice funded by the German forest climate fund and composed of 17 partners sharing information, education on climate change related forest risks.
Country, location	Germany and Austria
Date	Since 2014
Contact e-mail	christoph.hartebrodt@forst.bwl.de
Institution	Forest Research Institute of Baden-Wuerttemberg, Consortium of German Forest Owners Associations (AGDW), German Forestry Council (DFWR)
Net Risk Work Partner	FVA
Document type	Best practice
Language	<input type="checkbox"/> Catalan <input type="checkbox"/> English <input type="checkbox"/> French <input checked="" type="checkbox"/> German <input type="checkbox"/> Italian <input type="checkbox"/> Spanish <input type="checkbox"/> Other
Source/origin	<input checked="" type="checkbox"/> Partner's expertise <input type="checkbox"/> Expertise from the network <input type="checkbox"/> Other (internet)

Topic

Area	<input checked="" type="checkbox"/> Risk assessment	<input checked="" type="checkbox"/> Risk Planning	<input checked="" type="checkbox"/> Risk Management
Risk	<input type="checkbox"/> Wildfires	<input checked="" type="checkbox"/> Fire behaviour patterns and typologies <input type="checkbox"/> Fire ignition and spread models <input type="checkbox"/> Wildland urban interface	<input type="checkbox"/> Fuel management <input type="checkbox"/> Fire service needs <input type="checkbox"/> Prescribed burning <input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> Storms	<input type="checkbox"/> First measures after storm <input type="checkbox"/> Work safety during salvage logging <input type="checkbox"/> Timber storage and cost containment <input type="checkbox"/> Forest protection and pest control	<input type="checkbox"/> Regeneration and afforestation <input type="checkbox"/> Preventive silvicultural measures <input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> Avalanches	<input type="checkbox"/> Technical protective measures <input type="checkbox"/> Maintenance of protection forests	<input type="checkbox"/> Other <i>[Introduce which ones]</i>
	<input type="checkbox"/> Floods	<input type="checkbox"/> Prevention through land use	<input type="checkbox"/> Other

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

Description and analysis

<p>Summary: quick presentation of the Good Practice [<i>Objective: summarize in a few lines the key elements of the good practice</i>]</p> <p>The network (Community of Practice) behind the KoNeKKTiW project is a group of forest risk experts from different institutions who share information on climate change, risk management and forest management practices. The core group is the project team which develops target group oriented cost-free activities from presentations and lectures to risk management consulting and online manuals. All activities are reviewed and transported by the network behind the project.</p>
<p>Place in national/regional policy [<i>Mentioned in the law/regulation/guidelines? Mandatory? Recommended?</i>]</p> <p>The project is funded by the German Forest Climate Fund. The fund is part of the programme associated with the Energy and Climate Fund. A decision by the German Bundestag called for it to be established from 2013 under the joint responsibility of the Federal Ministries of Agriculture (BMEL) and the Environment (BMUB).</p> <p>[free text – 5 lines max]</p>
<p>Goals and achievements [<i>Objectives, goals and the achievements of the Good Practice</i>]</p> <p>The main goal of the project activities is to build a bridge between existing knowledge and directly applicable knowledge. Practitioners often lack to find applicable information for risk management decisions; this main task is implemented by the project core group and reviewed by the network.</p> <p>[free text – 5 lines max]</p>
<p>Actors involved [<i>Explain who is involved in the development: practitioners, stakeholders, educators, ...</i>]</p> <p>Besides the core group (Forest Research Institute of Baden-Wuerttemberg, Consortium of German Forest Owners Associations (AGDW), German Forestry Council (DFWR)), the network consists of 14 further institutions (mainly state forest enterprises). Every forest ownership type is involved.</p>

[free text – 5 lines max]

Implementation stage *[Is it operational? Since how long? Is it a pilot experiment?]*

The project KoNeKKTiW was built around the network already existing from a previous project (PuMa) which focused mainly on crisis management. The project started in 2014 and will run at least until 2018.

[free text – 5 lines max]

State of technical knowledge *[state of the art and technical background of the Best Practice]*

The idea and products of the project are based on the recognition named in the IPCC SREX report, that there is a sufficient knowledge base on risks driven by climate change, but adaption actions fall far short of this knowledge.

[free text – 5 lines max]

Context *[regulatory, socio-economic, political]*

A proper risk management needs first risk aware forest owners and managers. The network stretches over all ownership types and provides reliable information and references beyond usual political barriers.

[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 network was formed in 2009 against the backdrop of increasing extreme weather events to keep informed on forest crises management. The focus later emerged to crises prevention leading to the KoNeKKTiW project which focuses on risk management under a changing climate. The network has grown continuously over time.

[free text – 5 lines max]

Governance *[responsible authority and roles of the different actors involved]*

The network is built around a core group of institutions directly financed by the KoNeKKTiW project. These partners are in charge of the networking activities, knowledge transfer and educational opportunities.

[free text – 5 lines max]

Necessary means to implement the Good Practice in efficient conditions *[human resources, materials, financial...]*

A small core group is needed to “feed” the network with information and sustain the ideas behind. It is best to have employed staff working on that issue, therefore grouping the network around a project has been proved to be a successful approach to maintain the connections and feed the network with new knowledge and ideas.

[free text – 5 lines max]

Challenges encountered during implementation and solutions incurred

There is a need for a core group to maintain the network and to stay in the mind of the member institutions. The network formally consists of organizations but the actual connection is made between individuals. Therefore, the interest in the network can leave with the person in charge.

[free text – 5 lines max]

Priorities identified for successful implementation of the Good Practice

A clear organizational structure and distribution between offers and duties has to be coordinated by a small group of lead partners. Common interests and the focus of the network need to be identified early.

[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.]

The network has grown over the years and established as competence centre when it comes to forest risk management and climate change adaptation. This has been recognized by policy decision makers leading to opportunities to position members of the network in councils and work groups on national and international level.

[free text – 5 lines max]

Future developments *[Objective: understand the follow-up perspectives]*

[Continuation, future improvements,]

An application for renewal is planned for the KoNeKKTiW project based on the high interest in the projects' products.

[free text – 5 lines max]

External resources *[Objective: provide further information]*

Attached materials	<i>[include format (document, photo, video...) and name of the file]</i>
Web links	<p>Introduction of the KoNeKKTiW project and the network behind (German): https://www.waldwissen.net/wissen/fva_konekktiw/index_DE</p> <p>Short introduction of the KoNeKKTiW project on the funders' website (English and German): https://www.waldklimafonds.de/fileadmin/SITE_MASTER/content/Dokumente/Projektbeschreibung/022_KoNeKKTiW.pdf</p> <p>Introduction of the PuMa / KoNeKKTiW project and the network behind (English): http://www.eficent.efi.int/files/attachments/eficent/projects/puma_and_konekktiw_chart_ebrodt.pdf</p>
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[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 <i>[Objective: evaluate the integration of the Good Practice and its sustainability, give recommendations for transferability]</i>		
Is this information:	Replicable <input type="checkbox"/>	Measurable <input type="checkbox"/>
Regulatory Framework		
<i>[free text – 5 lines max]</i>		
Stability of the human environment <i>[Stability of partnership, structures, population enabling successful implementation and positive impact in the long term]</i>		
<i>[free text – 5 lines max]</i>		
Financial requirements <i>[business model]</i>		
<i>[free text – 5 lines max]</i>		
Success factors <i>[political, technical, human, financial...]</i>		
<i>[free text – 5 lines max]</i>		
Risk factors <i>[legal, financial, safety...]</i>		
<i>[free text – 5 lines max]</i>		
Additional and non-formal experiences contributing to the implementation of Good Practice		
<i>[free text – 5 lines max]</i>		



net risk work



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