

MONITORING SURVEY FRAMES

- Baseline measurement
- Pilot: **Roskilde**

Important:

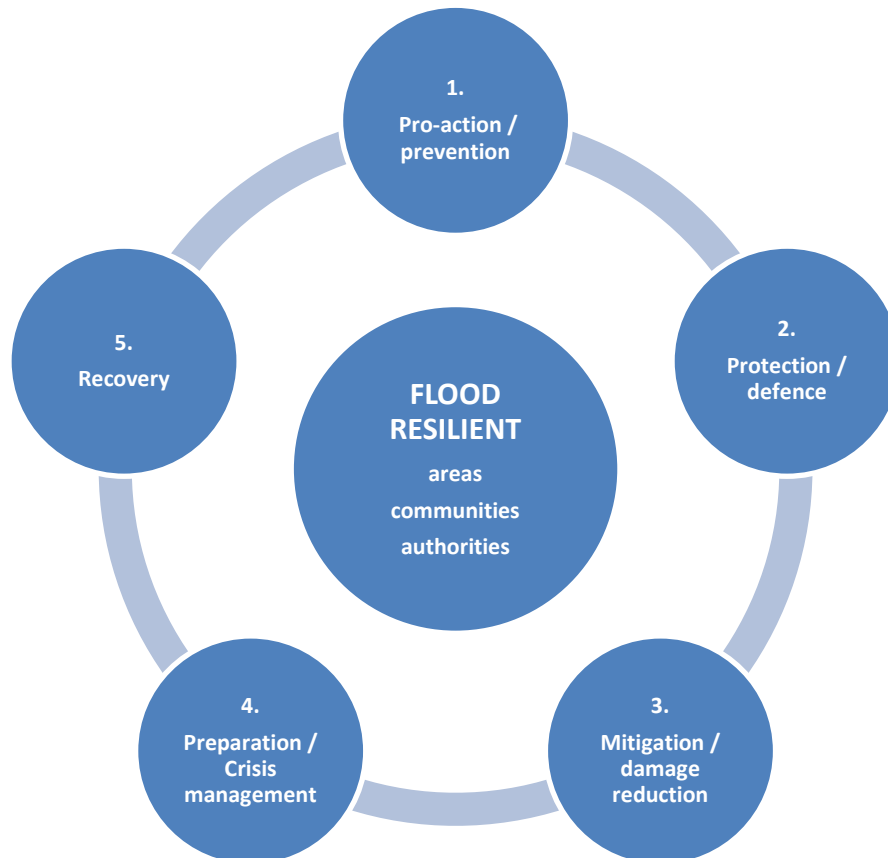
We kindly ask the pilot manager to complete this questionnaire in consultation **with relevant experts/stakeholders in the pilot/region**. The pilot manager can send this questionnaire and ask these experts/stakeholders to complete (certain) questions, or ask them to review answers. **Per pilot we would like to have 1 questionnaire returned.**

Who contributed to completing this questionnaire? Please provide names of persons and their organizations:

	Person	Organization
1	Martin Jebens	DCA
2	Mie Thomsen	DCA
3	Susanne Berendt	Danish Red Cross (DCR)
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Short explanation

FRAMES is about improving flood resilience by taking different types of actions. A common and well known typology in flood risk management is the disaster management cycle, as shown in the diagram below. This survey first focuses on the flood resilience of areas by considering the five elements proaction (1), protection (2), mitigation (3), preparation (4) and recovery (5). Hereafter, a few questions will be asked with regard to the flood resilience of communities and authorities.



1. Pro-action/prevention

Negative consequences of flooding can be avoided by pro-active spatial planning or land use policies (“keeping people away from water”), aimed at building only outside areas that are prone to flooding.

To what extent is proaction/prevention currently a strong characteristic of the pilot area?

Not at all 1 2 **3** 4 5 6 7 8 9 10 To a great extent

Please shortly explain your answer:

New settlements are no longer occurring in the pilot area but existing settlement are not located optimal in regards to risk of flooding.

2. Flood protection/defence

Keeping water away from people by (combinations of) hard infrastructural works (dikes, dams, etc.) or softer (nature based) solutions (dunes, retention in nature areas, etc.).

To what extent is flood protection/defence currently a strong characteristic of the pilot area?

Not at all 1 2 **3** 4 5 6 7 8 9 10 To a great extent

Please shortly explain your answer:

The municipality have begun the proces of building a dike. It is however becoming a long proces since the storm in 2013. Dikes seems to be the main focus for the local population to ensure preventive measures at the moment.

The emergency response uses mobile dike when alerted to a possible flooding event.

3. Flood risk mitigation

Consequences of floods can be mitigated by a smart design of the flood-prone area including spatial orders, constructing flood compartments, or (regulations for) flood-proof building.

To what extent is flood risk mitigation a strong characteristic of the pilot area?

	<i>Not at all</i>									<i>To a great extent</i>
Currently	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

What will be done in FRAMES with regard to flood risk mitigation, that improves the ... physical resilience in the pilot area?

N/A

... capacities of local organisations / institutions in the pilot area?

Not the focus of the pilot

... capacities of local communities (citizens, businesses) in the pilot area?

Not the focus of the pilot

4. Flood preparation

Consequences of floods can be mitigated by preparing for adequate response to a flood event. Measures include flood warning systems, disaster management and evacuation/rescue plans, and managing a flood when it occurs by taking last call emergency measures (e.g. sand bags).

To what extent is flood preparation a strong characteristic of the pilot area?

	<i>Not at all</i>										<i>To a great extent</i>
	1	2	3	4	5	6	7	8	9	10	
Currently						6					
Expectation after Frames							7				

What will be done in FRAMES with regard to flood preparation, that improves the

... physical resilience in the pilot area?

Not the focus of the pilot

... capacities of local organisations / institutions in the pilot area?

Better communication and clear understanding between institutions and the local community.

... capacities of local communities (citizens, businesses) in the pilot area?

Nothing in particular will be done but there may be some trickle down effects occurring.

5. Flood recovery

Facilitates a good and fast recovery after a flood event. Includes plans for draining / pumping away flood water and restoring safety and security, plans for reconstruction or rebuilding critical infrastructure, damage compensation/insurance systems, return of evacuated communities and social-psychological support.

To what extent is flood recovery a strong characteristic of the pilot area?

	<i>Not at all</i>									<i>To a great extent</i>
	1	2	3	4	5	6	7	8	9	10
Currently		2								
Expectation after Frames							7			

What will be done in FRAMES with regard to flood recovery, that improves the ... physical resilience in the pilot area?

Clear instruction on where and when the locals may pump water from their land.

... capacities of local organisations / institutions in the pilot area?

A step-by-step guide will clearly dictate who does what, to what extent and what you as a citizen are aloud to do yourself. Better communication between stakeholders on responsibility in particular.

... capacities of local communities (citizens, businesses) in the pilot area?

Clear guidelines of the period after an event will be performed to minimize the social-psychological challenges. The pilot area will more efficient recover after an event and return to their normal everyday.

Flood resilience of authorities

Please name the organisations / stakeholders that will be involved in your pilot:

	Organization
1	Roskilde Municipality
2	The emergency response
3	The police
4	The utilities company (waste water treatment)
5	Landowner association
6	The Danish storm council
7	The Danish red cross
8	Insurance companies
9	
10	

In general, to what extent is flood risk mitigation embedded in policy and practice of these organisations, in your opinion?

	<i>Not at all</i>										<i>To a great extent</i>									
Currently	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

The range of interest on this area span high interest from the municipality to low interest from the insurance companies. Internationally DRCs works with resilience and flood mitigation in a very systematic way. At the national level in DK, this is currently under development

In general, to what extent is flood preparation embedded in policy and practice of these organisations, in your opinion?

	<i>Not at all</i>										<i>To a great extent</i>									
Currently	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

Most of the organisations have small to none interest in preparation. The municipality are the stakeholder most involved in preparation alongside the emergency response. The step-by-step guide will provide a better understanding of the entire proces of flood risk management.

In general, to what extent is flood recovery embedded in policy and practice of these organisations, in your opinion?

	<i>Not at all</i>										<i>To a great extent</i>									
Currently	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

Recovery is in most instances overlooked and are not included in any policies. It occurs more as an afterthought/ ad hoc. The focus is often on building infrastructure and the notion that dikes will be sufficient protection.

Flood resilience of local communities

Please name the communities (e.g., neighbourhoods, municipalities) that will be involved in / informed about your pilot(s), and how many citizens they consist of:

	Community	Number of citizens (approximately)
1	Jyllinge Nordmark	500
2		
3		
4		
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In general, to what extent is flood risk mitigation embedded in the behaviour of these communities, in your opinion?

	<i>Not at all</i>									<i>To a great extent</i>
Currently	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

The most at risk households do focus on securing flood-proof building.

In general, to what extent is flood preparation embedded in the behaviour of these communities, in your opinion?

	<i>Not at all</i>									<i>To a great extent</i>
Currently	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

The local communities are very eager to establish preparedness measures for responding in a flood situation and in this way seeks to self-organise to enable and relevant respond from local members of the community. The DRC is working closely with these self-organised preparedness groups through their local branch in Gundsø. The DRC will be able to ensure a relevant organisational frame for the community members to engage effeciently and coordinated during and after a flood situation.

In general, to what extent is flood recovery embedded in the behaviour of these communities, in your opinion?

	<i>Not at all</i>									<i>To a great extent</i>
Currently	1	2	3	4	5	6	7	8	9	10
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

A few local communities members and some local RC volunteers participated in workshops on psychosocial support and preparedness as part of a DCR pilot-project in the area. No doubt there is a huge potential for the local communities and RC volunteers to support on improving psychological resilience and social engagement in the local community as part of recovery actions. The authorities in general have tendency to overlook the need for psychosocial support and practical help during and after larger flooding situations.

**END OF SURVEY
THANK YOU!**