

# MONITORING SURVEY FRAMES

- Baseline measurement
- Pilot: **Vejle**

**Important:**

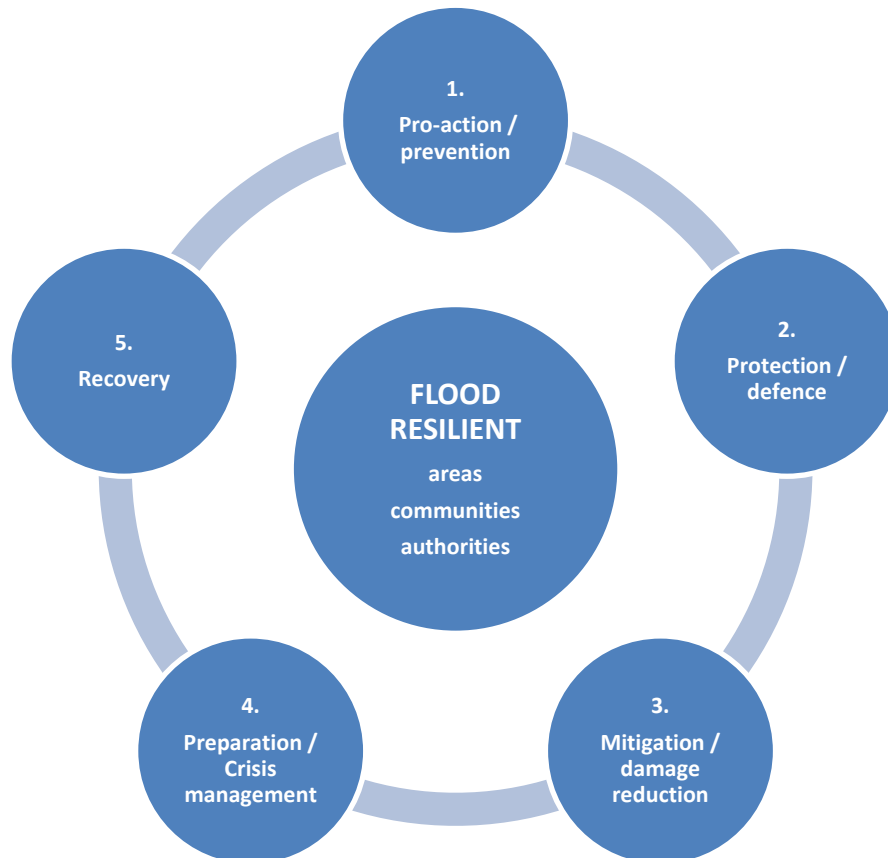
We kindly ask the pilot manager to complete this questionnaire in consultation **with relevant experts/stakeholders in the pilot/region**. The pilot manager can send this questionnaire and ask these experts/stakeholders to complete (certain) questions, or ask them to review answers. **Per pilot we would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

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

	Person	Organization
1	Mie Thomsen	The danish coastal authority
2	Kaija Jumppanen Andersen	The danish coastal authority
3	Ulla Pia Geertsen	Vejle municipality
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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:

Building inside the flood plain occurs, however the chosen policy of the municipality is to flood proof new settlements by raising the base of the houses. The old town is not flood proofed and is located within the flood plain. No pro-active spatial planning nor land use policies favoring keeping people away from water is present.

# 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:

Currently installed is a sluice with pumps in one the larger watercourses. It prevents flooding due to damming in the watercourse caused by high sealevel. There are several other pressing challenges where a hard infrastructural solution is considered and most likely. They are all in the planning fase.

### 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>
	1	2	3	4	5	6	7	8	9	10	
<b>Currently</b>											
<b>Expectation after Frames</b>											

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

The focus of the pilot area is not to directly improve the physical resilience but instead to create an overview of the different possible solutions going forward.

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

The focus of this pilot is to increase the awareness of the different approaches to ultimately increase the resilience towards flood in the pilot area.

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

Not the focus of this 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	
<b>Currently</b>							7				
<b>Expectation after Frames</b>							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?

Due to being appointed in the EU Floods Directive as a Risk area the municipality already have developed emergency response plans. This plan is continuously reevaluated.

It is unknown whether they have an evacuation plan.

They have implementer an early warning system in case of floods, high water level, extreme precipitation cloud burst and fluvial flow. Messages are sent out by text message, facebook and local radio.

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

Not the focus of the pilot

## 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
<b>Currently</b>			3							
<b>Expectation after Frames</b>					5					

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

N/A

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

The municipality currently has no plan in place concerning recovery. They do however secure critical infrastructure and in some instances pump excessive water. A dialog with affected locals occur after the event.

After FRAMES hopefully the municipality will be aware of and focus on all the facets of MLS.

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

N/A

# Flood resilience of authorities

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

	Organization
1	Vejle Municipality
2	
3	
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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>
<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
<b>Expectation after Frames</b>	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

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>
<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
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Please shortly explain your answer:

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<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
<b>Expectation after Frames</b>	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

# 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	Vejele	15.000
2		
3		
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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>
<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
<b>Expectation after Frames</b>	1	2	3	4	5	6	7	8	9	10

**Please shortly explain your answer:**

Not relevant for this pilot - unknown

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>
<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
<b>Expectation after Frames</b>	1	2	3	4	5	6	7	8	9	10

**Please shortly explain your answer:**

Not relevant for this pilot - unknown

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

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<b>Currently</b>	1	2	3	4	5	6	7	8	9	10
<b>Expectation after Frames</b>	1	2	3	4	5	6	7	8	9	10

**Please shortly explain your answer:**

Not relevant for this pilot - unknown



**END OF SURVEY  
THANK YOU!**