

MONITORING SURVEY FRAMES

- Baseline measurement
- Pilot: **Alblasserwaard**

Important:

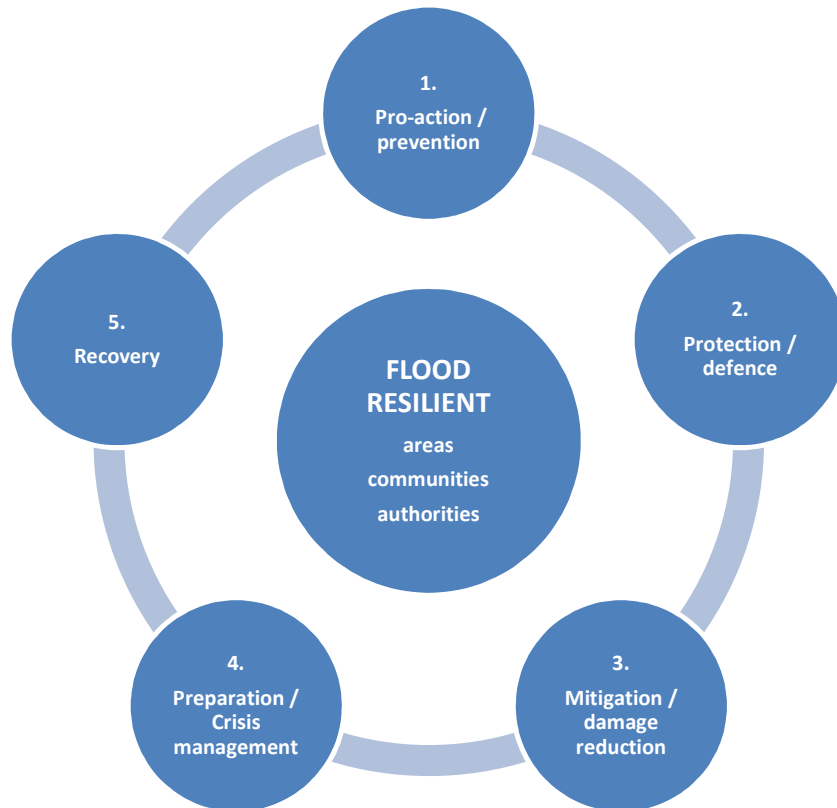
We kindly ask the pilot manager to complete this questionnaire in consultation **with relevant experts/stakeholders in the pilot/region**. The pilot manager can send this questionnaire and ask these experts/stakeholders to complete (certain) questions, or ask them to review answers. **Per pilot we would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

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

	Person	Organization
1	Lucy Smeets	Provincie Zuid-Holland
2	Pim Neefjes	Rijkswaterstaat
3	Cor Revet	Regio Alblasserwaard en Vijfheerenlanden
4	Daniele van Wijnen	Noordelijke Drechtsteden
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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 *To a great extent* 10

Please shortly explain your answer:

This region counts on the safety delivered by the dikes

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 *To a great extent* **10**

Please shortly explain your answer:

The area is surrounded by dikes

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
Currently				4						
Expectation after Frames					5					

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

We do not expect that the pilot will lead to measurements, it will lead to awareness for spatial planning

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

The awareness will increase, so future developments will be resilient

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

They expect government action

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?

Flood preparation can lead to some small physical measurements in the area, for example roads designed for evacuation.

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

Frames will lead to more awareness and improved evacuation plans. The local authorities (municipalities, veiligheidsregio and water authority) are prepared and trained for flood events

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

Citizens are informed of the warning systems. After Frames they will be more aware.

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			3							

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

It is yet unclear if and what measurements can be taken to improve the physical resilience of the area regarding to floodrecovery.

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

The pilot Frames will make clear what the impact of flooding will be for the area. And what will be needed for recovery

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

It is yet unclear if the capacitie of local communities will change due to the pilot.

Flood resilience of authorities

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

	Organization
1	Provincie Zuid Holland
2	Waterschap Rivierenland
3	Veiligheidsregio Zuid-Holland Zuid
4	Alle gemeenten in de regio
5	
6	
7	
8	
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
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

The stakeholders rely strongly on safety by that first level, dikes. The other layers are not embedded and after frames the knowledge on the concept of MLV will be increased. However, it will take time to embed the concept in policy and practice

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
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

Preparation for flooding is already a part of policy and practice, and the pilot will lead to improvement of the current policy.

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
Expectation after Frames	1	2	3	4	5	6	7	8	9	10

Please shortly explain your answer:

We thrust on safety by dikes, so thinking about flooding and recovery is not common. So it is not embedded and it will take a lot of time to embed this in policy and practice. Frames will lead to more awareness, which is step 1 in a long process.

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	Alblasserdam	20.000
2	Papendrecht	32.000
3	Sliedrecht	25.000
4	Hardinxveld-Giessendam	18.000
5	Molenwaard	29.000
6	Giessenlanden	14.500
7	Gorinchem	36.000
8	Vianen	19.700
9	Zederik	14.000
10	Leerdam	21.000
	Total	208.300

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>
	1	2	3	4	5	6	7	8	9	10
Currently				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:

Mainly by dikes

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>
	1	2	3	4	5	6	7	8	9	10
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:

Evacuation plans are available

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>
	1	2	3	4	5	6	7	8	9	10
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 municipalities have a lot of faith in the dikes, nobody dares to think about what if it goes wrong. Embedding takes time.

**END OF SURVEY
THANK YOU!**