

Stakeholders involvement – Participation stages

	Participation stage	Duration	stakeholders	Participatory level	Type of knowledge	Knowledge elicitation
1	Problem identification (Stakeholder analysis)	2 months	<ul style="list-style-type: none"> • Horsten municipality (Competent authority) 	n.a		
2	Information provision	2 months	<ul style="list-style-type: none"> • Horsten municipality • Policy maker • Insurers • Neighbouring municipality • Scientific experts (geosciences, economics, sociology, psychology) • Farmers • Industry • Road and railway owners • Water supplier • Mitigation/adaptation consultants • The general public 	n.a		Letters, phone calls, announcement in local medias
3	Knowledge gathering (loop with stage 1)	6 months	<ul style="list-style-type: none"> • Horsten municipality • Policy maker • Insurers • Neighbouring municipality • Scientific experts (geosciences, economics, sociology, psychology) • Farmers • Industry • Road and railway owners • Water supplier • Mitigation/adaptation consultants • The general public 	Consultation		Expert elicitation (DELPHI method), in-depth interviews, Semi-structured Interviews, focus groups (group model building) Phone and mail surveys

4	Proposal (a catalogue of coping actions)	12 months	<ul style="list-style-type: none"> • Horsten municipality • Policy maker • Insurers • Neighbouring municipality • Scientific experts (geosciences, economics, sociology, psychology) • Farmers • Industry • Road and railway owners • Water supplier • Mitigation/adaptation consultants 	Active involvement	Potential adaptation options	Cognitive mapping; individual semi-structured interviews Focus groups
			<ul style="list-style-type: none"> • The general public 	Consultation		Questionnaire survey
5	Testing (confrontation)	12 months	<ul style="list-style-type: none"> • Horsten municipality • Policy maker • Insurers • Neighbouring municipality • Scientific experts (geosciences, economics, sociology, psychology) • Farmers • Industry • Road and railway owners • Water supplier • Mitigation/adaptation consultants • The general public 	Active involvement	Level of acceptability of different adaptation options	Workshops ; scenario building

6	Revision (loop with stage 4)		<ul style="list-style-type: none"> • Horsten municipality • Policy maker (at the national level) • Neighbouring municipality (upstream) • scientists (geosciences, economics, sociology, psychology) • Farmers • Industry • Road and railway owners • Water supplier • Mitigation consultants • Insurers • The general public 	Active involvement		Workshops; Focus groups
				Information provision		
7	Decision-making	2 months	<ul style="list-style-type: none"> • Horsten municipality • Policy maker (at the national level) • Neighbouring municipality (upstream) • scientists • Farmers • Industry • Road and railway owners • Water supplier • Mitigation consultants • The general public 	Information provision		Work shops