



Vlaanderen
is omgeving

Flemish adaptation policy

Focus on drought

Griet Verstraeten

Departement Omgeving

Edward Van Keer

Departement MOW

ESPON workshop

25 June 2020

DEPARTEMENT
OMGEVING



Leiegardens 2014, Your Estate Solution

FAP 2021 – 2030 Content

POLICY

PROCESS

ANALYSIS

Impact and consequences of climate change



5 THEMATIC STRATEGIES

1. Towards a climate adaptive and climate neutral environment, society, buildings and (mobility)infrastructure
2. To minimize risks on water shortage and flooding
3. To maximize green-blue networks
4. Towards a climate adaptative, circular economy
5. Towards a climate adaptative and circular agriculture and food chain

Integrated approach on mitigation and adaptation
and search for mutual synergies

FAP 2021 – 2030 Content

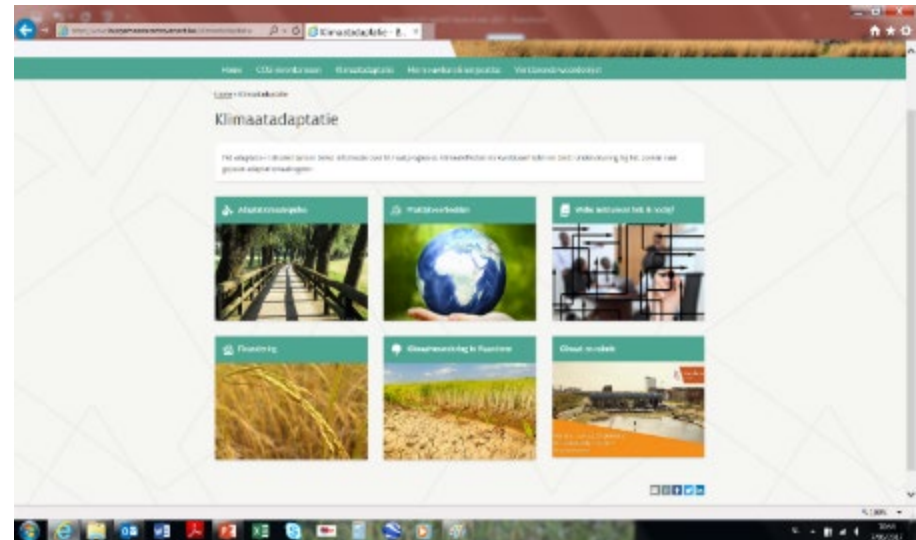
TRANSVERSAL STRATEGIES

- To focus research, innovation and communication on the chosen strategies
- To promote horizontal and vertical governance and participation processes, sensibilisation and behavioural change
- To promote coherence between climate change adaptation and disaster risk reduction

IMPLEMENTATION

FINANCE

MONITORING AND EVALUATION

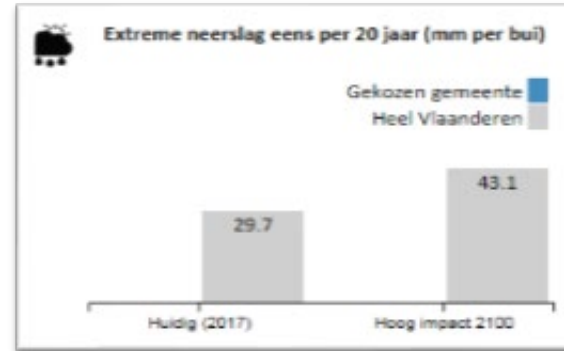


www.burgemeestersconvenant.be

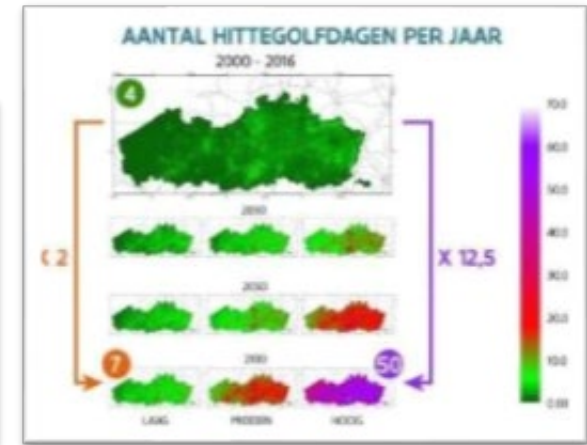
Climate change in Vlaanderen

CONSEQUENCES

- Temperature rise
- Heat
- Drought
- Extreme precipitation
- Sea level rise

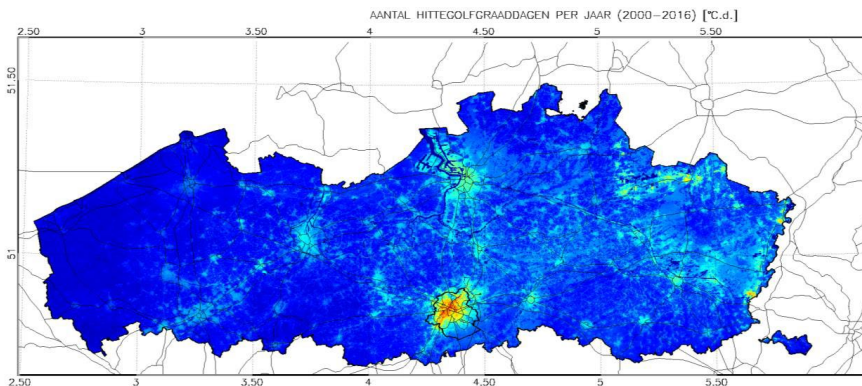


Klimaatportaal VMM

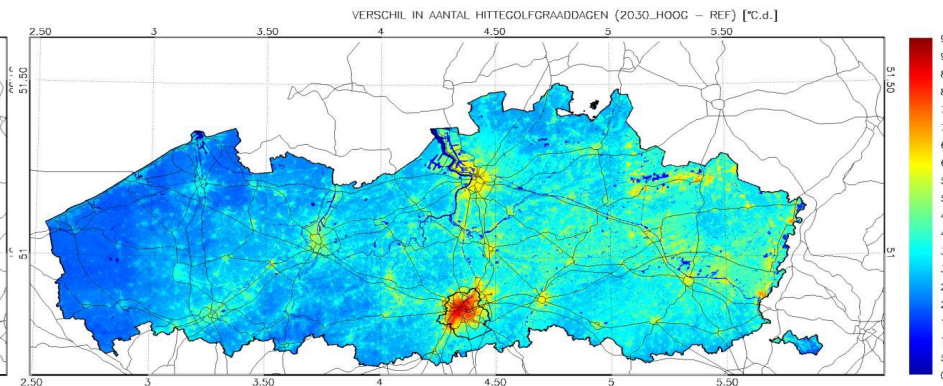


VMM Milieuraapport 2018

All data:
www.klimaatportaal.be



VMM - MIRA 2018



FAP 2021-2030

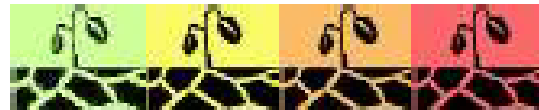
Spatial and other measures on drought

- Space for water
- Social choices on landuse in river basins
- Decrease of paved space
- Green-blue networks in cities and municipalities, agricultural and industrial areas
- Adaptive management of natural areas
- Realisation of climate buffers in urban areas
- Limitation of water use in industry and stimulation of re-use
- Adaptive measure in agriculture (increase of organic matter in soils, avoid soil compaction,...)



Escalation scheme drought and water scarcity

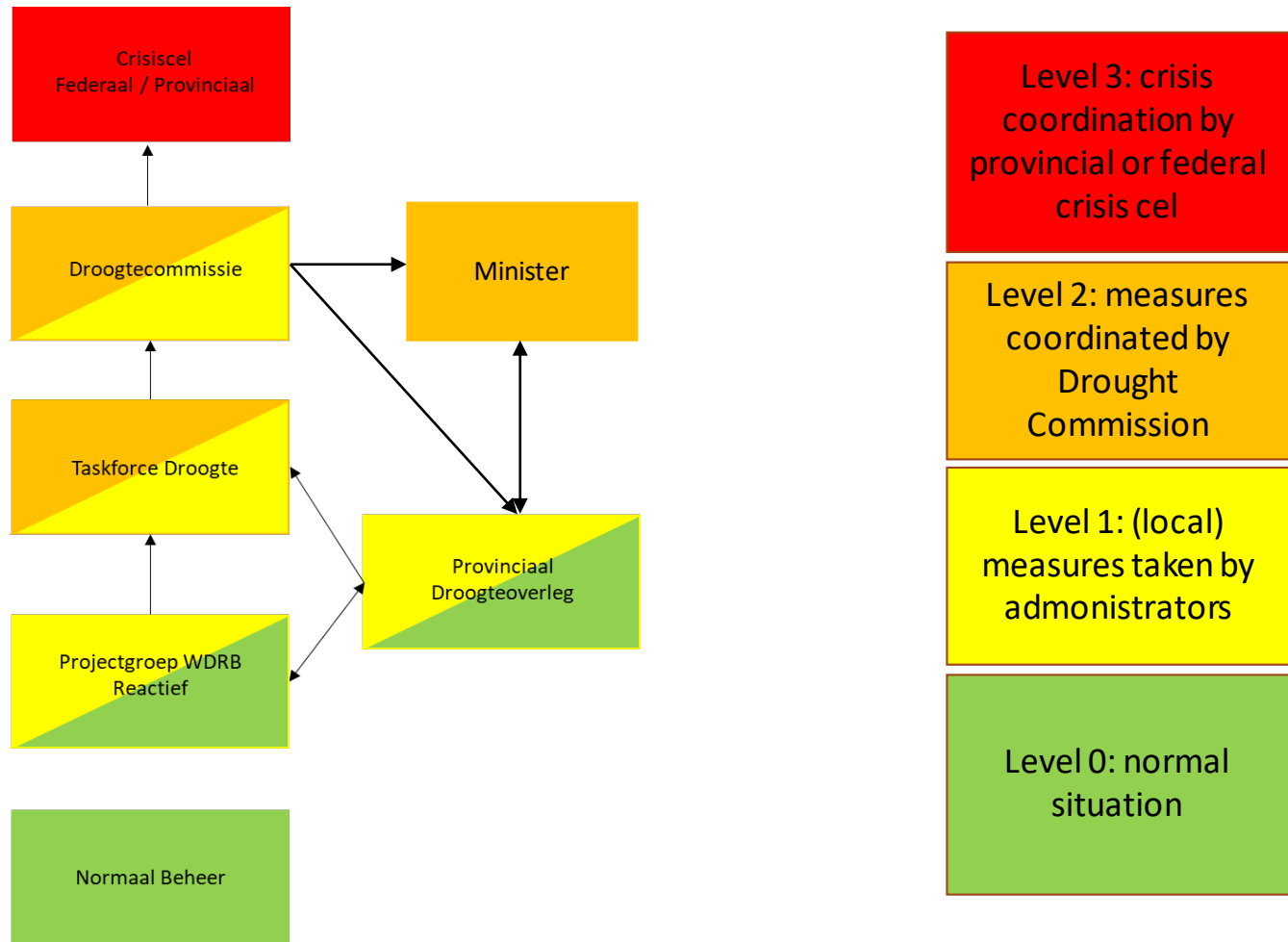
- ▶ 4 levels: linked to measures being taken
 - Green: normal situation, no “drought or water scarcity” measures
 - Yellow: One or more sectors/organizations take “local” measures
 - Orange: coordination of measures needed by “drought commission”
 - Red: crisis coordination



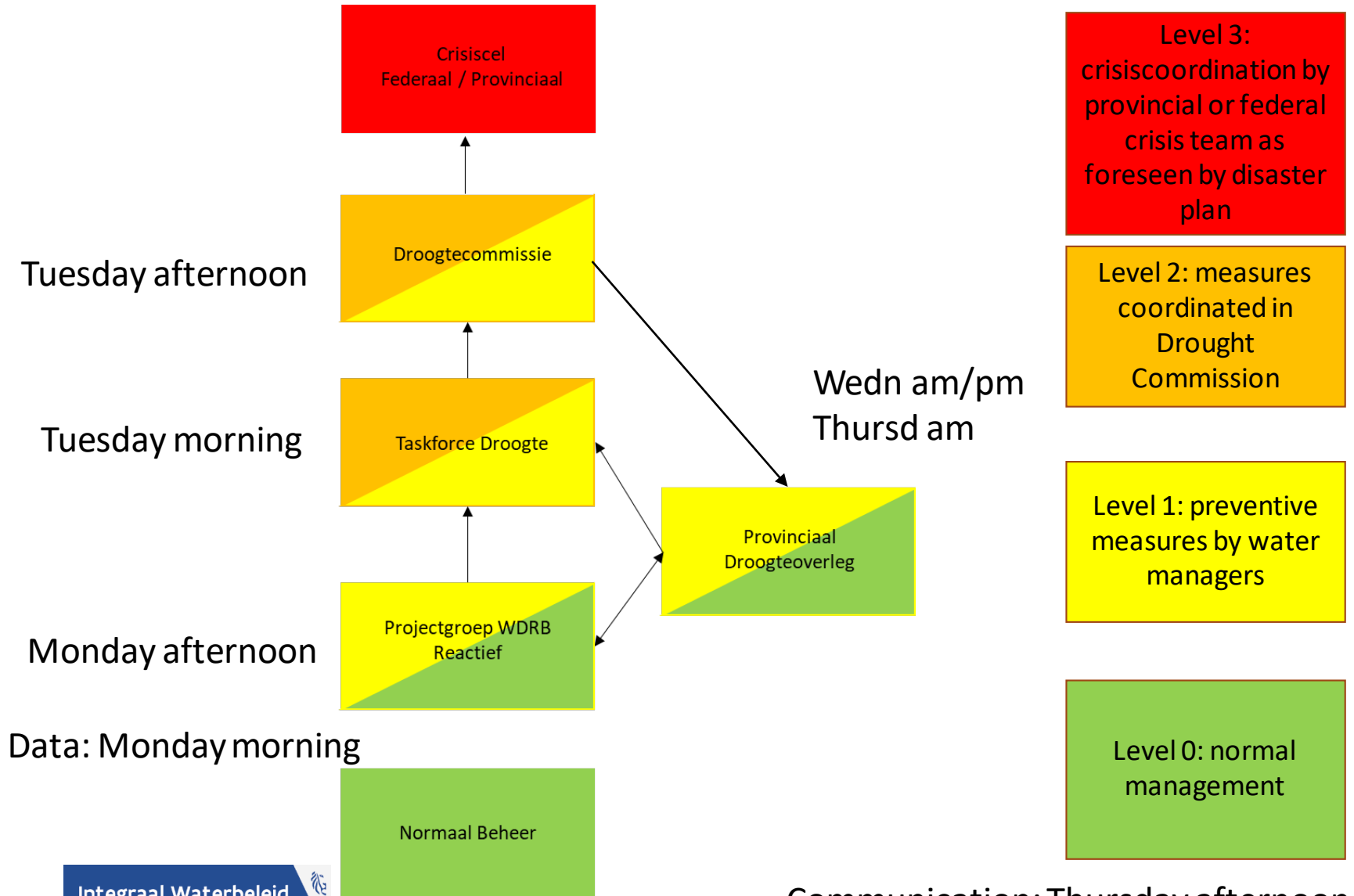
- ▶ Decision to scale up or down supported by indicators
- ▶ Level is linked to frequency of meeting and which structure takes decisions
- ▶ Communication happens by organization that takes a certain measure

Consultation structures drought and water scarcity

Relation levels with consultation structures



Order of meetings of different consultation structures



Permanence calendar + overview contact persons

JAAR	KALENDER 2019 MOGELIJKE VERGADERDATA DROOGTEOVERLEGSTRUCTUREN IN VLAANDEREN																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	
JULI	data aanleveren	<12u						<10u							<12u							<12u		
	PG WDRB R	nm						vm							nm							nm		
	Taskforce Droogte		vm					nm								vm							vm	
	Droogtecommissie		nm						vm							nm							nm	
	Provinciaal Droogteoverleg West-Vlaanderen			vm						vm							vm							
	Provinciaal Droogteoverleg Oost-Vlaanderen				vm						vm							vm						
	Provinciaal Droogteoverleg Vlaams-Brabant			vm							vm						vm							
	Provinciaal Droogteoverleg Antwerpen			vm of nm	vm					nm	vm							vm of nm	vm					
	Provinciaal Droogteoverleg Limburg				VM						NM								VM					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag	maandag	dinsdag	woensdag	donderdag	vrijdag	
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Provinciaal Droogteoverleg Oost-Vlaanderen	vm							vm						vm								vm		
Provinciaal Droogteoverleg Vlaams-Brabant							vm							vm							vm			

Communication

- ▶ Through www.opdehoogtevandroogte.be

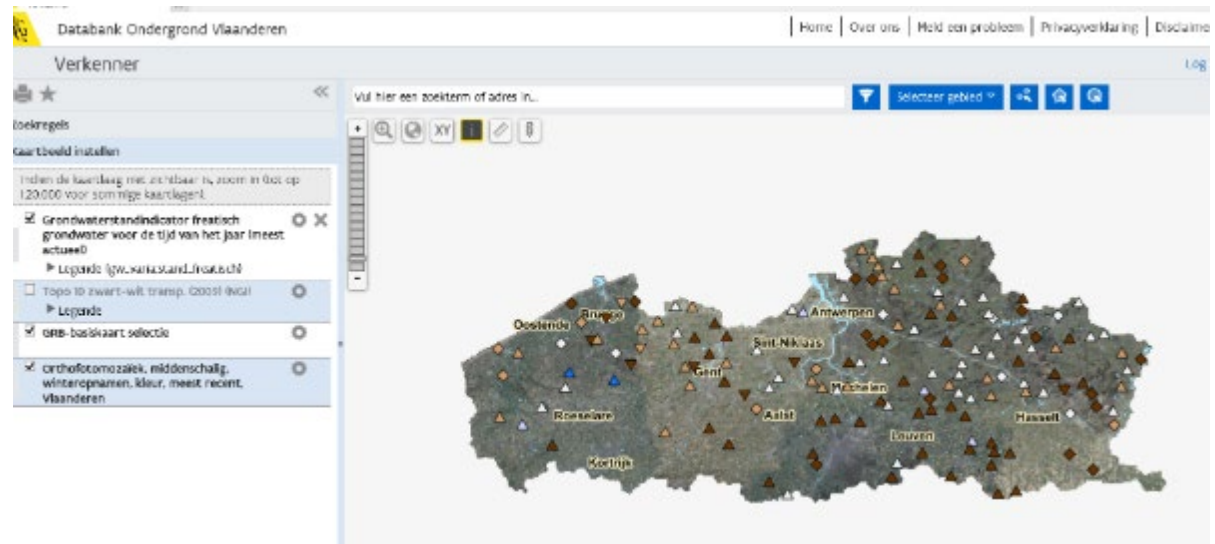
→ Regular updates Flemish situation

→ Links provided to provincial and other measures being taken

- ▶ Through www.waterinfo.be

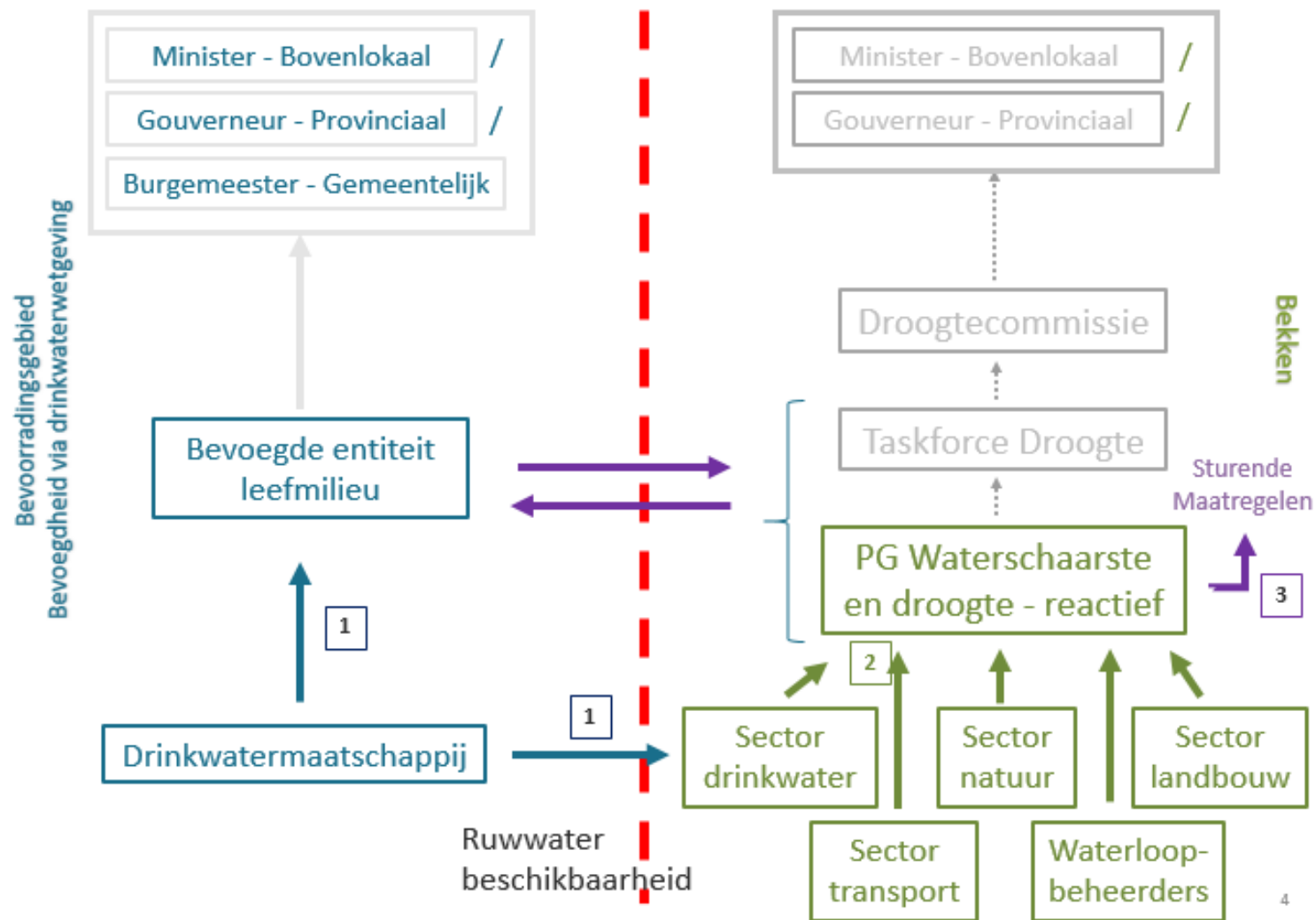
→ Data of the actual situation and predicted situation

→ Monthly reports from April till October



* The drinking water sector

- Separate agreements framework “Bevoorrading leidingwater” (supplies tap water)



Interregional cooperation

- First intra Belgian meeting about water scarcity and drought crisis management, 09/07/2019
- Are receiving in cc the mails of the Flemish Drought Commission:
 - Walloon Region
 - Brussels Regional Capital
 - The Netherlands
- Flanders is receiving reports of the water scarcity and drought crisis meetings from the Walloon Region
- Informal contacts between certain colleagues from different regions
- Informal meetings to share experiences between The Netherlands and Flanders in place since end of 2016

Interregional cooperation

- In the International Meuse Commission and International Sceldt Commission
 - a weekly (IMC) and two-weekly (ISC) exchange of certain data is in place. (Well in IMC, to be improved in ISC)
 - A first drought action plan already made in IMC, second being made now
- In ISC all regions listed up their most important measures, regularly presentations are made during meetings

1th Flemish water shortage and drought risk management

plan 2022-2027 is being prepared

Already existing: “Action plan floods and droughts 2019-2021”

- Contains 66 short term actions with focus on droughts
- 4 million euro extra money given by Flemish Government

New plan 2022-2027 will be integrated in the new Flemish River Basin Management Plan 2022-2027

- Is being made in close cooperation with all sectors involved
 - Through a “project group”
 - Through 3 workshops to define the best actions
 - Draft will be ready in June 2020
- The draft contains 47 actions that focus on several aspects: communication and sensibilisation, innovation and research, knowledge development, implementation of innovative and collective solutions for water collection and reuse, infiltration of water in developed and undeveloped areas, the pricing of water, enforcement and control, ...



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Griet.verstraeten@vlaanderen.be

Edward.vankeer@mow.vlaanderen.be

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