

European Flood Awareness System 18th EFAS annual meeting

28-29 September 2023

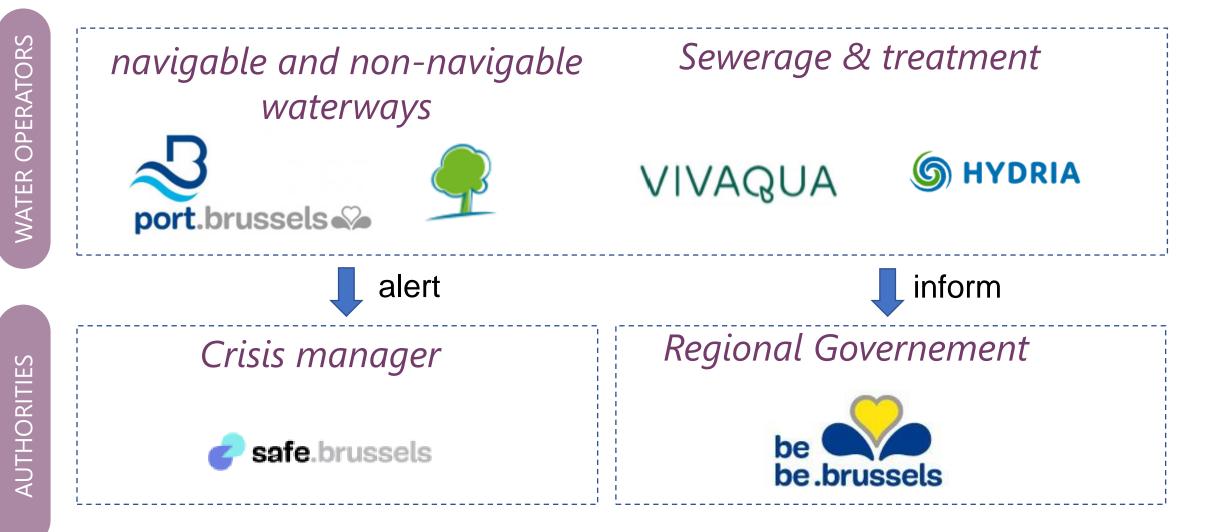
A Microsoft Teams site devoted to exchange of information during a flood situation.

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BRUXELLES ENVIRONNEMENT

A need for a tool for coordination and information exchange among water operators during a flood



Keep it simple ! Get it fast !

- A tool based on the existing (no additional licence)
- Commonly used by the partners
- Dedicated specifically to flood
- For real time collaboration (meet & edit files)

➔ A team site, fully dedicated to flood, to exchange between water operators

A dedicated team, with guests from all different partners organizations

0.00

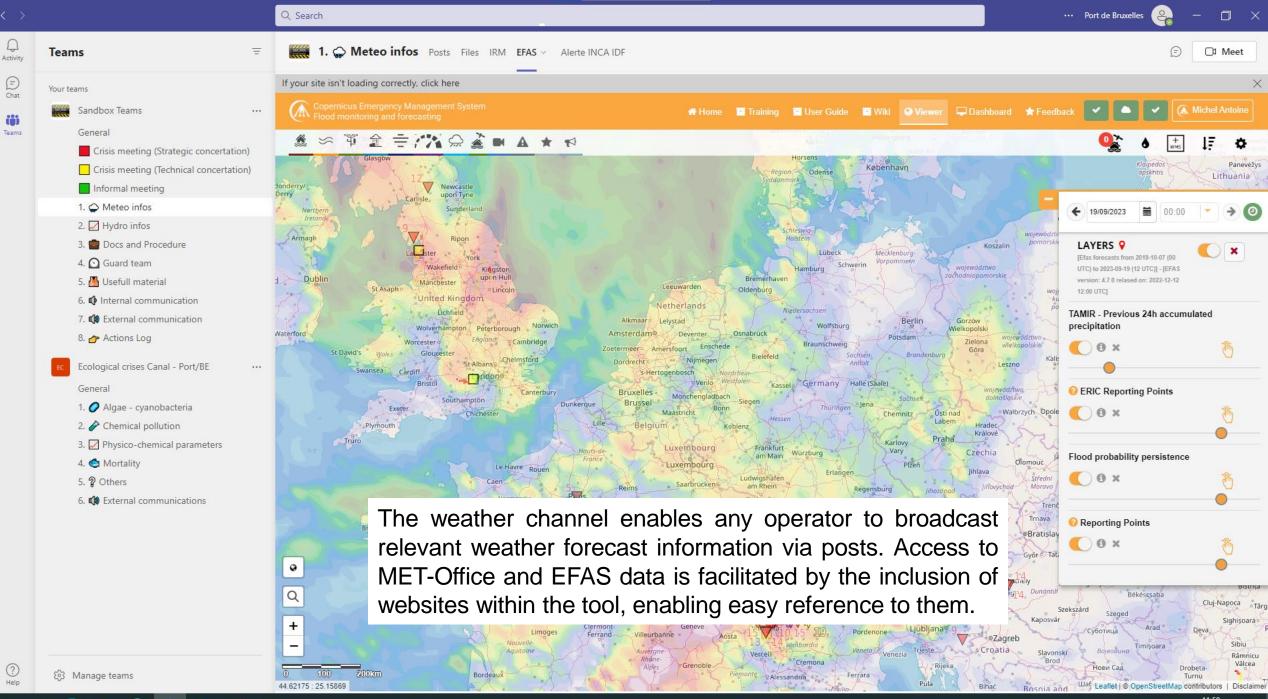
ST Sandbox Teams

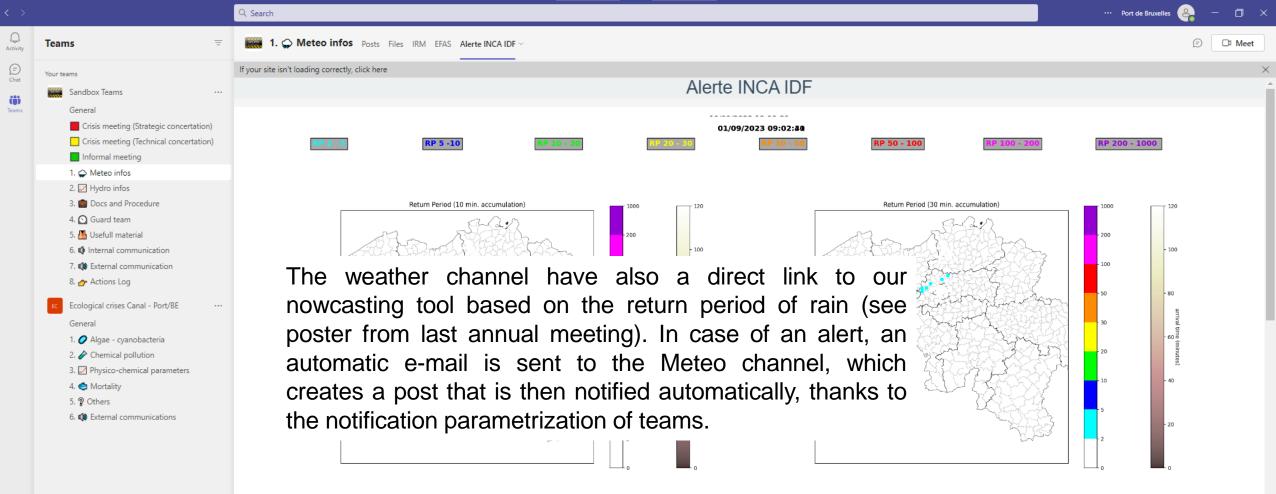
General

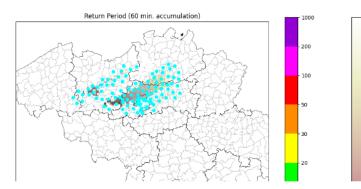
- Crisis meeting (Strategic concertation)
- Crisis meeting (Technical concertation)
- Informal meeting
- 1. 🥋 Meteo infos
- 2. 📈 Hydro infos
- 3. 💼 Docs and Procedure
- 4. 🞦 Guard team
- 5. 🖺 Usefull material
- 6. 6.
- 7. 📫 External communication
- 8. 👉 Actions Log

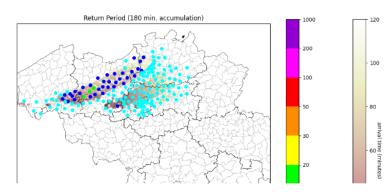
Meeting channels (files of the meeting)

Docs channels (general usefull information)





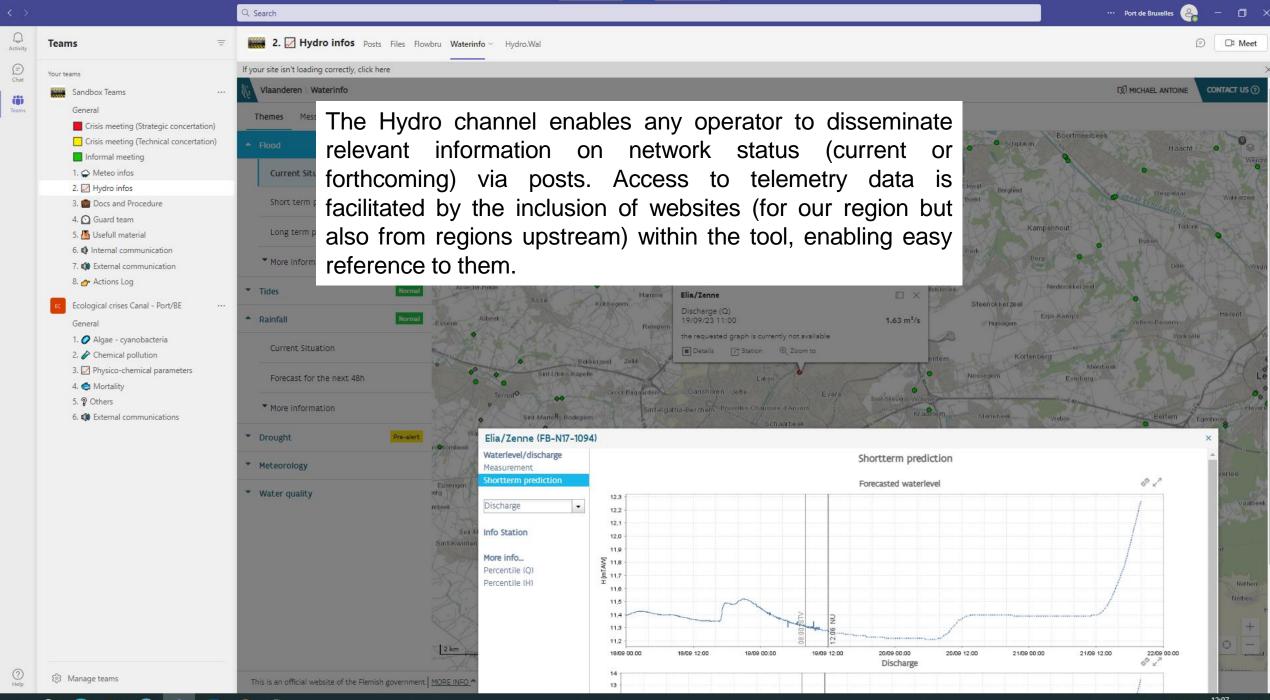




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19/09/2023





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(i)	 Sandbox Teams 	3. 💼 Docs and Procedure 🧝			
Teams	General ····				
	Crisis meeting (Strategic concertation)	\square Name \checkmark	Modified \vee	Modified By $ ee $ + Add column	
	Crisis meeting (Technical concertation)				
	Informal meeting	CheckList_CrueSenneCanal.docx	July 12	ANTOINE Michaël	
	1. 🥁 Meteo infos	CheckList_OrageExceptionnel.docx	July 20	ANTOINE Michaël	
	2. 🛃 Hydro infos				
	3. 💼 Docs and Procedure	mini procédure été 2022_inondations RBC	June 24, 2022	ANTOINE Michaël	
	4. 🖸 Guard team	PRES_20220114_Flowchart_FloodAlert.pptx	March 29, 2022	ANTOINE Michaël	
	5. 💾 Usefull material				
	6. 🗣 Internal communication	Procédure Inondations été 2022.docx	June 30, 2022	ANTOINE Michaël	
	7. 📢 External communication	TEAMS_ModusOperandi.docx	June 24, 2022	ANTOINE Michaël	
	8. 👉 Actions Log				
	Ecological crises Canal - Port/BE				

The Docs & Procedure channel enables you to load various reference documents on the actions to be taken in the event of a crisis (checklists). The content is approved in advance during coordination platforms between water operators.

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Help

General

4. 😋 Mortality 5. **?** Others

Algae - cyanobacteria
 Chemical pollution

3. Z Physico-chemical parameters

6. 🟟 External communications



	Q Search							Port de Bruxelles 🥝 — 🗇 🕻
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(Ö) Teams	Objectif	Tâche	Priorité	Opérateur responsable	Feedback			71× /
	For the checklists, feedback on the	faire circuler l'information (dont le	1	BE				See 8 Editor suggestions
	predetermined actions are to be	Augmenter les capacités d'accueil dans les biefs en baissant préalablement les niveaux, en coordination avec les écluses amont et aval	2	Port				
	completed lively by the water operators.	Vérifier le bon dégrillage à Vétérinaire	1	<u>Vivagua</u>				
		Vérifier le bon dégrillage à la Woluwe et autres cours d'eau	1	BE				
		Confirmer avec le port (écluse Anderlecht) la bonne ouverture de la déviation d'Aa	1	BE				
		Prévenir les bateliers de la crue à venir (renforcement des <u>amorres,)</u>	2	Port				
		Mettre les écluses en mode écoulement maximum	2	Port				
	Préparer populatio les profession adopter le gestes	la Sensibiliser aux bons gestes à adopter (avant, pendant et après la crise). Avertir en priorité les nnels à communes, puis les citoyens si la	1	BPS				
		Prévenir les autres instances concernées des perturbations	1	BPS				

<u>Vivaqua</u>

BE

Footer 1

Header

2

potentielles le long des cours

Vérifier le bon écoulement au

niveau du dégrillage vétérinaire, avertir les autres opérateurs en cas d'obstruction, couper les cabines hautes tension si nécessaire

Mettre à jour les prédictions et 1

d'eau

Surveiller

l'évolution

Page 1 of 2 306 words English (U.S.) Editor Suggestions: Showing

? Help

- - + 100% 🛄 Fit Give Feedback to Microsoft

$\langle \rangle$		Q Search	··· Port de Bruxelles 🤗 — 🗇 🗙
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	 7. the External communication 8. Actions Log Ecological crises Canal - Port/BE ···· General 1. Algae - cyanobacteria 2. Chemical pollution 3. Physico-chemical parameters 4. Mortality 5. Others 6. External communications 	The Channel Guard teams list contacts and their availability. Each member is responsible for keeping the xls file up to date.	

? Help 없 Manage teams



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A	В	С		D		E		F			G	H
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22 DP3/services Ha	24/24	garde Crisis Management	0476/		scv@bp		numero a					
24	27/27	garde chois Management	04,50.		<u>300000</u>							
25 Centre de crise V	MM		0800 2		operato							
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Your teams	🕂 New 🗸 ក Upload 🗸 🖽 Edit in grid view 🖄 Share 🐵 Copy link 🔓 Sync 🛓 Download 🐵 Open in SharePoint 🕂 Add Cloud Storage	\equiv All Documents \checkmark \forall ①
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Crisis meeting (Strategic concertation)	Image: Image	
Crisis meeting (Technical concertation)	communiqués de presses préétablis May 5, 2022 ANTOINE Michaël	
1. 🖕 Meteo infos	Pluvial_Flood_Map_2D_simulations May 4, 2022 ANTOINE Michaël	
 Hydro infos Docs and Procedure 	Scenarii May 5, 2022 ANTOINE Michaël	
4. 🖸 Guard team	🔁 EXEMPLE - AVIS A LA BATELLERIE 2022-025 November 23, 2022 Nathalie DELEUZE	
5. 🦺 Usefull material 6. 📢 Internal communication	Image: system Image: system November 23, 2022 Nathalie DELEUZE	
 7. 1 External communication 8. Actions Log 	Image: www.visuris.be.url November 23, 2022 Nathalie DELEUZE	

This channel can be used to gather together information useful for crisis interpretation (risk scenarios, alarm thresholds, etc.), or to list useful material that can be shared in the event of a crisis. Access to flood risk maps or live observations is facilitated by the inclusion of websites within the tool. Other useful websites may be added in the future.

Q Activity

Chat



Ecological crises Canal - Port/BE

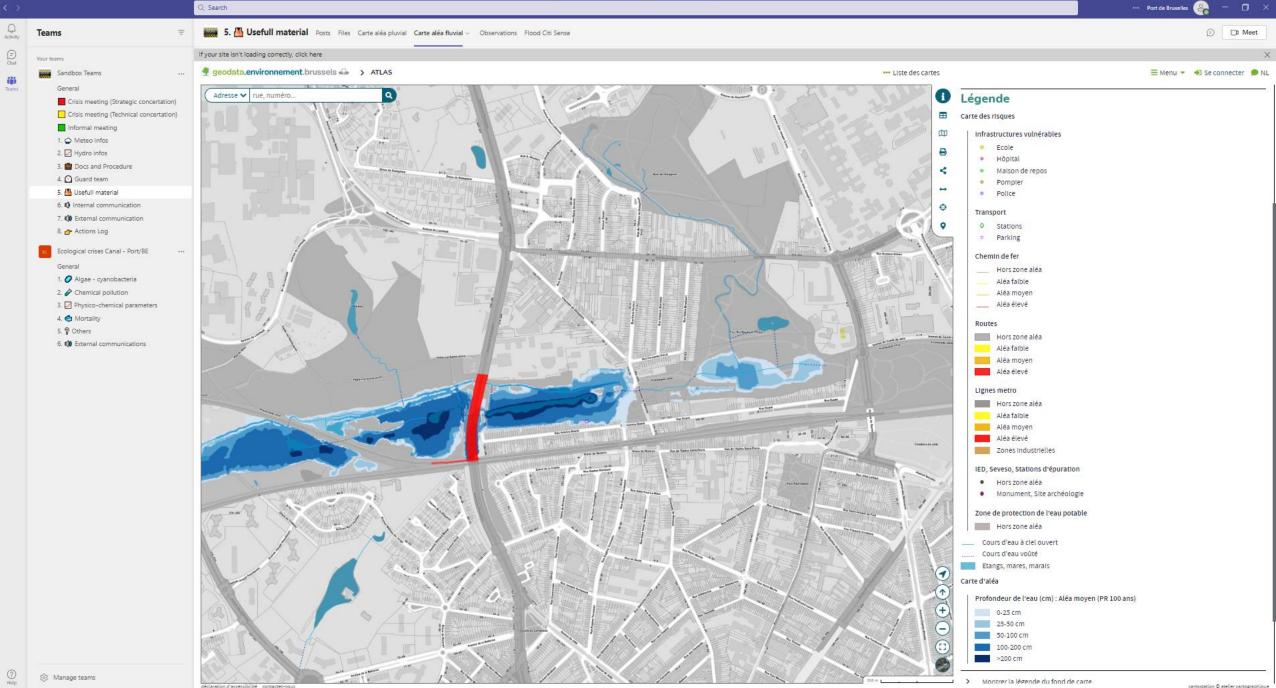
Algae - cyanobacteria
 Chemical pollution
 Physico-chemical parameters

6. 🗰 External communications

General

4. 🥌 Mortality

5. ? Others





	Q Search	Port de Bruxelles 🦂 — 🗇 🗙
Teams =	🗱 5. 💾 Usefull material 🛛 Posts 🖓 Files 🗸 Carte aléa pluvial Carte aléa fluvial Observations Flood Citi Sense	🗅 Meet
Your teams	+ New ✓ 👎 Upload ✓ 🖽 Edit in grid view 🖻 Share 💿 Copy link 🕃 Sync 🞍 Download 🚯 Open in SharePoint	\equiv All Documents \lor \forall \bigcirc
Sandbox Teams General	5. 💾 Usefull material > Pluvial_Flood_Map_2D_simulations	
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Crisis meeting (Technical concertation)	Vehicles_TR100.pdf July 6, 2022 ANTOINE Michaël	
1. 🗭 Meteo infos	Vehicles_TR1000.pdf July 6, 2022 ANTOINE Michaël	
 Hydro infos m Docs and Procedure 	Vehicles_TR10000.pdf May 4, 2022 ANTOINE Michaël	
4. 🖸 Guard team	Vehicles_TR200.pdf July 6, 2022 ANTOINE Michaël	
5. 🖺 Usefull material 6. 🕸 Internal communication	Vehicles_TR2000.pdf July 6, 2022 ANTOINE Michaël	
7. 📢 External communication 8. 👉 Actions Log	Vehicles_TR500.pdf July 6, 2022 ANTOINE Michaël	
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General	WaterDepth_TR100.pdf July 6, 2022 ANTOINE Michaël	
 Algae - cyanobacteria Chemical pollution 	WaterDepth_TR1000.pdf July 6, 2022 ANTOINE Michaël	
3. 🗹 Physico-chemical parameters	🔂 WaterDepth_TR10000.pdf May 4, 2022 ANTOINE Michaël	
4. 🥌 Mortality 5. 💡 Others	WaterDepth_TR200.pdf July 6, 2022 ANTOINE Michaēl	
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	WaterDepth_TR500.pdf July 6, 2022 ANTOINE Michaël	
	WaterDepth_ZEN_VeteBloque_20m3s.pdf July 11, 2022 ANTOINE Michaël	

? Help 없 Manage teams

Q Activity

(=) Chat

ii) Teams



6. 🔹 Internal communication

7. 📢 External communication

These 2 channels enable us to keep each other up to date with the latest content of messages broadcast internally by operators or externally (press, media). This is important if we are to speak with one voice to the outside world, using the same content/figures.

There is a data confidentiality/validity code associated to the information (ex: **conf.** Lorem Ipsum, **toValidate** Lorem Ipsum, **officiel** Lorem Ipsum)

8. 👉 Actions Log

The Action Log channel will serve as a handbook for post-crisis analysis. Only actions relevant to post-crisis analysis are concisely listed, with references to the various site folders (in particular the virtual meeting rooms).

		Q. Search			Port de Bruxelles 🥰 — 🗇 🗙
Q Activity	Teams =	Crisis meeting (Strategic con Posts Files			இ □ Meet ① …
Chat	Your teams Sandbox Teams General	D	Réunion dans « ■ Crisis meeting (Strategic concertation) » e ← Reply	nded: 3m 21s 🔮 🛞 📟 😐	
	 Crisis meeting (Strategic concertation) Crisis meeting (Technical concertation) Informal meeting Meteo infos 	B	Meeting in "■ Crisis meeting (Strategic concertation)" ended 2 replies from you ← Reply	d: 1m 1s	
	 Hydro infos Docs and Procedure Guard team Usefull material Internal communication 	Da	Crisis meeting (Strategic concertation) started 7 replies from you, Amélie, and David PIREAUX ← Reply	redi 23 novembre 2022	
	 7. We External communication 8. Actions Log Ecological crises Canal - Port/BE ···· 	C ^a	Réunion dans « Crisis meeting (Strategic concertation) » e	ndredi 24 mars 2023 nded: 6m 50s	
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		B	Meeting ended: 1m 30s ightarrow Reply	AX BE	
		Meetings room, with posts and minutes se		tarted	
(?) Help	හි Manage teams		☑ New conversation		

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		238 PM Salut Ar	nèlie l je suis en train de prépa	rer ma présentatio	n du teams inondation à la crême de la crême de	s prévisionnistes	
	A 1 Résumé de la réunion	В	C	D	E	F	G
	2 Nombre total de participants		0				
	3 Titre de la réunion		9				
	4 Heure de début de la réunion	07/10/2022 09:59:15					
	5 Heure de fin	07/10/2022, 11:02:30					
	6 ID de la réunion						
	7						
	8 Nom complet	Heure d'arrivée	Heure de départ	Durée	Adresse de courrier	Rôle	ID du participant (UPN)
	9 Amélie A	07/10/2022, 09:59:15	07/10/2022, 11:02:24	1 h 3 m		Organisateur	
	10 Anthony P	07/10/2022, 09:59:28	07/10/2022, 11:02:30			Présentateur	
	11 Laurent M	07/10/2022, 09:59:34	07/10/2022, 11:02:25	1 h 2 m		Présentateur	
	12 Antoine G	07/10/2022, 10:00:27	07/10/2022, 11:02:26			Présentateur	
	13 THIEBAUX B	07/10/2022, 10:00:56	07/10/2022, 11:02:26			Présentateur	
	14 VERBIST A	07/10/2022, 10:00:57	07/10/2022, 11:02:26		-	Présentateur	
	15 Ewout C	07/10/2022, 10:01:22	07/10/2022, 11:02:26			Présentateur	
	16 MARESCAUX A	07/10/2022, 10:01:49	07/10/2022, 11:02:30			Présentateur	
	17 STOOP V	07/10/2022, 10:03:08	07/10/2022, 11:02:25	59 m 17 s		Présentateur	
	18						

Points of attention

- team meetings are not always very stable between organizations, or when switching team sites from your organization to another organization (loss of camera, etc.), and notifications outside your organization are not always guaranteed. But Teams tools are evolving to address these issues. You clearly need to test connections regularly.
- Notifications do not replace a direct phone call





Thank you for your attention !



Dr. Ir. Michaël ANTOINE - Ingénieur hydrologue (Chef de service)

Bruxelles Environnement / Leefmilieu Brussel Div. Autorisations et partenariats Dpt. Eau Service Etudes et monitorings Site de Tour & Taxis Avenue du Port 86C/3000 B-1000 Bruxelles | <u>Plan d'accès</u> Tél: +32 2 5634193 e-mail: <u>mantoine@environnement.brussels</u> <u>www.environnement.brussels</u> Numéro d'entreprise/Ondernemingsnummer : 0236.916.956

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