

EFSA-CVO WORKSHOP, 3 SEP 2025

SURVEY ON ONGOING RISK ASSESSMENTS ON VECTOR- BORNE DISEASES

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SURVEY: ON-GOING RISK ASSESSMENTS ON VBD'S

Objectives:

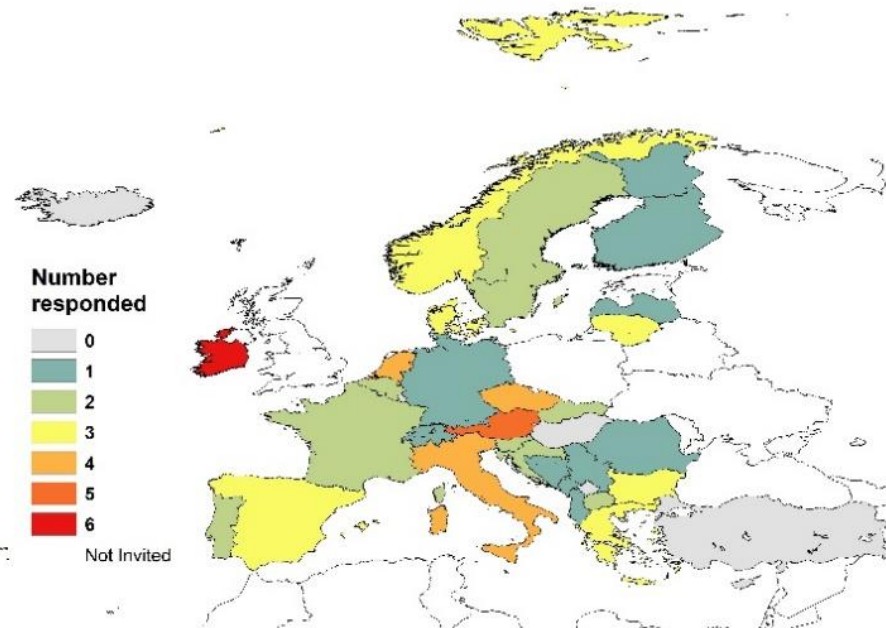
Identify on-going risk assessments on Vector-borne diseases and tools to support risk assessment in the EU Member States.

When: June 2025

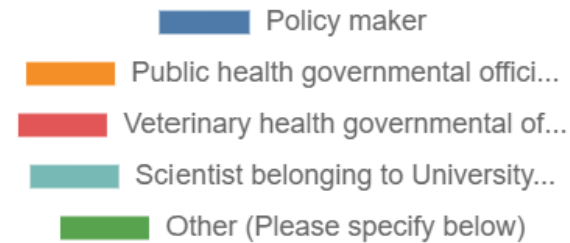
Invited: EFSA's NVE, AHAW, OH networks; and ECDC's: OCP's on entomology

Respondents: 31 countries, 70 respondents

Geographic participation

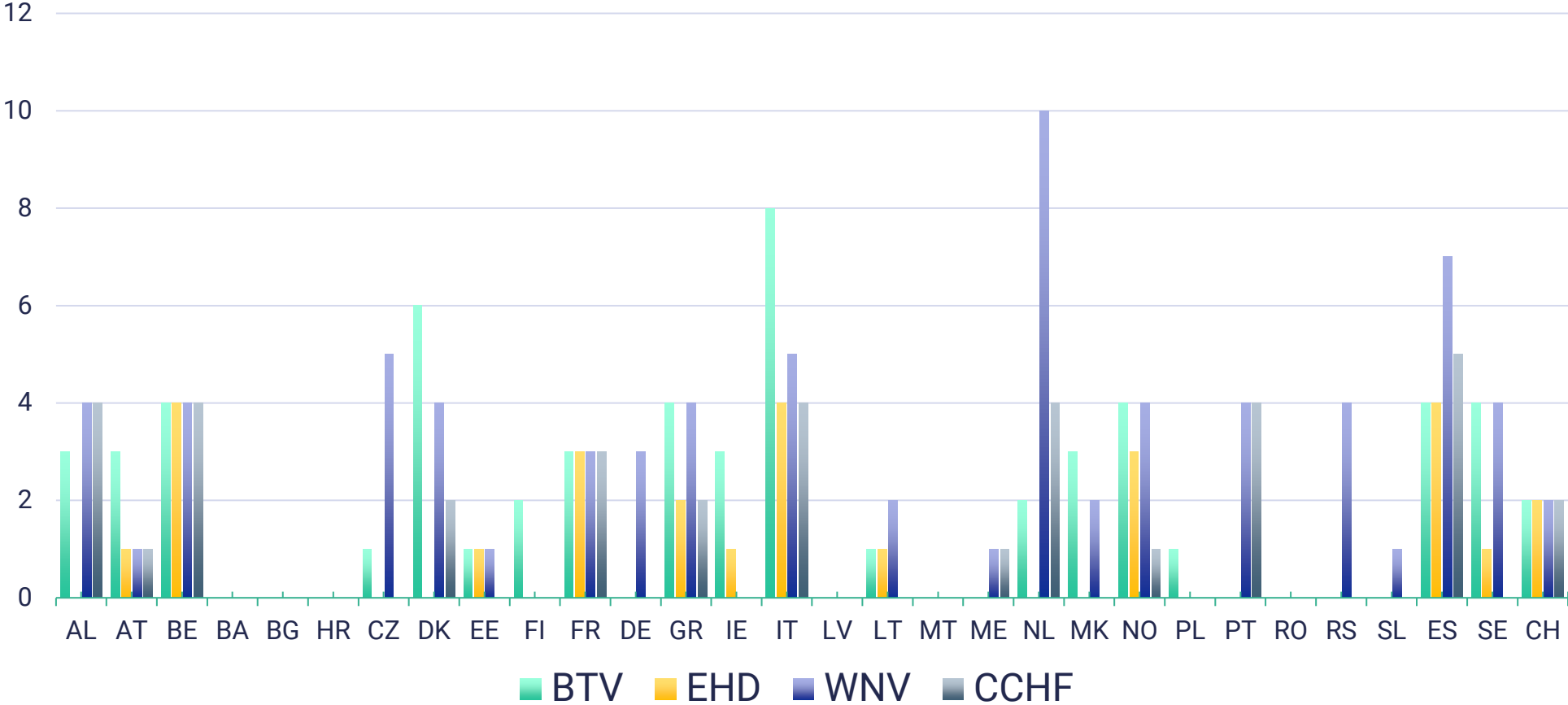


Respondents' expertise



SURVEY: ON-GOING RISK ASSESSMENTS ON VBD'S

Number of risk assessments on VBDs performed in each country



FOCUS OF RISK ASSESSMENTS IN EACH COUNTRY

	BTV				EHD				WNV				CCHF			
	Introduction	Spread	Outbreak	Economic impact	Introduction	Spread	Outbreak	Economic impact	Introduction	Spread	Outbreak	Economic impact	Introduction	Spread	Outbreak	Economic impact
Albania		1	1	1					1	1	2		1	1	2	
Austria	1	1		1	1					1			1			
Belgium	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Czechia			1						1	3	1					
Denmark	2	2	1	1					2	1	1		1	1		
Estonia	1				1				1							
Finland	1	1														
France	1	1	1		1	1	1		1	1	1		1	1	1	
Germany									1	1	1					
Greece	1	1	1	1	1			1	1	1	2		1	1		
Ireland	2	1			1											
Italy	2	2	3	1	2	2			1	1	3		3	1		
Latvia																
Lithuania	1				1				2							
Montenegro										1				1		
Netherlands	1	1							3	3	3	1	3	1		
N. Macedonia	1	1		1					1	1						
Norway	1	1	1	1	1	1	1		2	1	1		1			
Poland	1															
Portugal									2	2			2	2		
Serbia									1	1	1	1				
Slovakia											1					
Spain	1	1	1	1	1	1	1	1	1	2	3	1	1	1	3	
Sweden	1	1	1	1	1				2	2						
Switzerland		1	1		1	1			1	1			1	1		
Total	19	17	13	10	13	7	4	3	25	25	21	4	17	12	7	1

ASSESSMENTS OF MITIGATION MEASURES IN EACH COUNTRY

	BTV				EHD				WNV				CCHF			
	Movement control	Culling	Vaccination	Vector control	Movement control	Culling	Vaccination	Vector control	Movement control	Culling	Vaccination	Vector control	Movement control	Culling	Vaccination	Vector control
Albania	1			1								2				2
Austria	2		2	2												
Belgium	1	1	1		1	1	1		1	1	1		1	1	1	
Czechia	1		1	1								3				
Denmark	1	1	1	1							1	1				
France	1		1	1	1		1	1								
Germany												1				
Greece	1		1	1	1			1	1			1				
Ireland	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1
Italy	3	1	3		2						1	2	1	1		
Latvia												1				
Lithuania	1		1		1				1							
Montenegro												1				1
Netherlands				1					1		1	2	1			1
North Macedonia	1		1	2					1			1				
Norway	1	1	1	1	1	1			1	1						
Poland	1	1	1	1												
Portugal												1				1
Serbia												1				
Slovakia												1				
Spain	1		1		1							1	1			1
Sweden	1		1						1		1	1				
Switzerland				1				1				1				1
Grand Total	19	7	19	14	9	3	3	4	8	3	6	22	5	3	2	8

DURATION OF RISK ASSESSMENTS

Time spent	BTV	EHDV	WNV	CCHFV
<6 months	20	8	27	16
6-12 months	3	2	10	2
>12 months	2	2	3	1

>Mostly rapid risk assessments



LINKS TO RISK ASSESSMENT TOOLS AND WEBSITES

WNV	CCHF
https://dkvet.dk/raadgivning/raadgivningssvar/	https://dkvet.dk/raadgivning/raadgivningssvar/
https://www.insa.min-saude.pt/category/areas-de-atuacao/doencas-infeciosas/revive-rede-de-vigilancia-de-vetores/	https://ishp.altirana.com/
https://www.rivm.nl/publicaties/westnijlvirus-in-nederland-aanpak-surveillance-en-respons-2021-2023	https://metodebok.no/index.php?action=topic&item=eZPvG2zs
https://ishp.altirana.com/ https://ishp.altirana.com/	https://www.ages.at/mensch/krankheit/infos-zu-zecken-krankheiten#c29469
http://www.biomedcentrum.sav.sk/vedci-a-hygienici-pomohli-odhalit-infekcie-zapadonilskym-virusom/	https://www.anses.fr/fr/system/files/SABA2023SA0194.pdf
https://arbo.iss.it/pagine/primopiano.aspx	https://www.anses.fr/fr/content/avis-et-rapport-2020-sa-0039
https://eody.gov.gr/disease/ios-toy-dytikoy-neiloy/	https://www.insa.min-saude.pt/category/areas-de-atuacao/doencas-infeciosas/revive-rede-de-vigilancia-de-vetores/
https://foedevarestyrelsen.dk/soegeresultat?query=trusselsvurdering%20wnf	https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/sanidad-animal/enfermedades/fiebre-hemorragica-crimea-congo/fiebre_hemorragica_crimea_congo
https://mapserver.izs.it/gis_wn_predictions/#	https://www.sanidad.gob.es/areas/alertasEmergenciasSanitarias/preparacionRespuesta/Plan_Vectores.htm
https://www.ages.at/en/human/disease/pathogens-from-a-to-z/west-nile-virus?sword_list%5B0%5D=West-nil-virus&cHash=fa6849364b98db3b642e24921986f7f7	https://www.sciensano.be/fr/projets/coordination-du-groupe-devaluation-des-risques
https://www.mapa.gob.es/dam/mapa/contenido/ganaderia/temas/sanidad-animal-e-higiene-ganadera/una-salud-one-health/analisisderiesgofno.pdf	BTV
https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/analisisderiesgofno_tcm30-705696.pdf (RA on WNV)	https://dkvet.dk/raadgivning/raadgivningssvar/
https://www.mapa.gob.es/es/ganaderia/temas/sanidad-animal-higiene-ganadera/sanidad-animal/enfermedades/fiebre-nilo-occidental/F_O_Nilo.aspx (WNV MAPA web)	https://foedevarestyrelsen.dk/soegeresultat?query=trusselsvurdering%20btv
https://www.sanidad.gob.es/areas/alertasEmergenciasSanitarias/preparacionRespuesta/Plan_Vectores.htm	https://portal.nature.cz/w/druh-11226#/
https://www.sciensano.be/fr/projets/coordination-du-groupe-devaluation-des-risques	https://svps.sk/zvierata/choroby-zvierat/kataralna-horucka-oviec-bluetongue/
https://www.vetinst.no/sykdom-og-agens/vestnilfeber	https://vmvt.lrv.lt/lt/gyvunu-sveikata-ir-gerove/gyvunu-sveikata/gyvunu-ligos/uzkrechiamosios-gyvunu-ligos/melynojo-liezuvio-liga/
EHDV	https://www.gddiergezondheid.nl/Actueel/Dossiers/Blauwtong
https://www.mattilsynet.no/dyr/produksjonsdyr/slik-unngar-du-smitte-til-andre-dyr	https://www.nvwa.nl/documenten/dier/dierziekten/blauwtong/publicaties/blauwtong-positief-2024
https://www.wur.nl/en/research-results/research-institutes/bioveterinary-research/show-bvr/wur-alertness-for-ehdv-needed.htm	https://www.sciensano.be/fr/node/5994/situation-epidemiologique-fievre-catarrhale-ovine-bluetongue
	https://www.vetinst.no/dyr/sau/status-blatunge-i-norge

CONCLUSIONS

- **Survey Insights:** Provides a snapshot of risk assessments for vector-borne diseases (BTV, EHDV, WNV, CCHF) across EU and neighbouring countries.
- **Focus Areas:** WNV and BTV are frequently assessed, especially in Western Europe and Scandinavia.
- **Gaps:** Less risk assessments on EHD and CCHF; Limited economic impact assessments for the diseases.
- **Risk Assessment Methodologies:** Predominantly expert opinion with rapid assessments
- **Data Coordination:** Several platforms identified for data sharing, but inconsistent in focus and level of detail
- **Improvement Needs:** Calls for harmonization, collaboration, and development of shared assessments and tools.



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