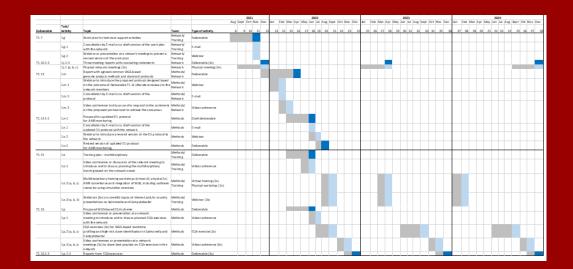


# FWD\_AMR-RefLabCap Network meeting Work plan of activities for all countries

Tuesday, 30 November 2021 9:30 -15:15 CET - Virtual meeting





#### **Overall project tasks**

There is a need for activities providing services to strengthen coordination, support and capacity building in national microbiology reference laboratory functions for antimicrobial resistance (AMR) in Salmonella and Campylobacter

#### The overall tasks are:

- a) building capacity of national AMR reference laboratory functions in all key roles required for NPHRLs in the field of AMR
- **b)** supporting the role of NPHRLs and associated structures to strengthen regional and local laboratory capacities in AMR within their countries
- c) enabling modernization of diagnostic and molecular typing tests using WGS towards improved and more uniform standards of diagnosis and characterization of AMR across Europe





#### Work plan coverage

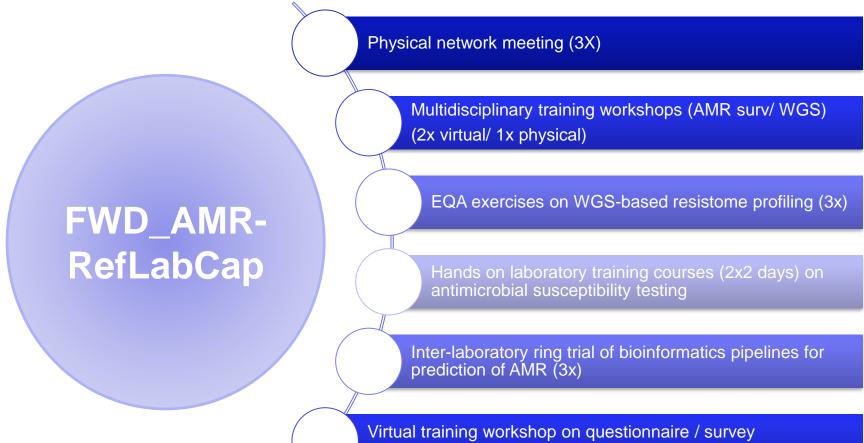
- Networking and technical support activities intended to all the National Public Health Laboratories (NPHRLs) participating
- The plan does not describe capacity building support and activities involving priority countries and the support to NRLs to develop national capacity building in the regional/local laboratories
- Multidisciplinary training activities within task 1.0 are mentioned only briefly
  - A detailed plan for training within task 1.0 will be provided in due time
- The material, including guidelines, standards and training material developed for and during the activities of this project will be disseminated on the website

DTU





#### Work plan "core hands on" activities





# Work plan supportive activities

- Draft version of the work plan with the network
- Present a revised version of the work plan
- Introduction of the proposed WGS-based protocol designed based on the outcome of the literature review
- Draft version of the WGS-based protocol
- Discussion to respond to the comments on the proposed WGS-based protocol and to achieve the consensus
- Draft version of the updated EU protocol for harmonised monitoring of AMR in human Salmonella and Campylobacter

DTU





### Work plan supportive activities, cont.

- Introduce a revised version of the EU protocol to the network
- Discussion to plan multidisciplinary training
- Present scientific topics of interest and/or country presentations on Salmonella and Campylobacter
- Introduction of and to discuss planned EQA exercises with the network
- Presentation to share best practice on EQA exercises
- Draft version of the national protocol for surveillance of AMR
- Presentation of a revised version of the model protocol for national surveillance of AMR





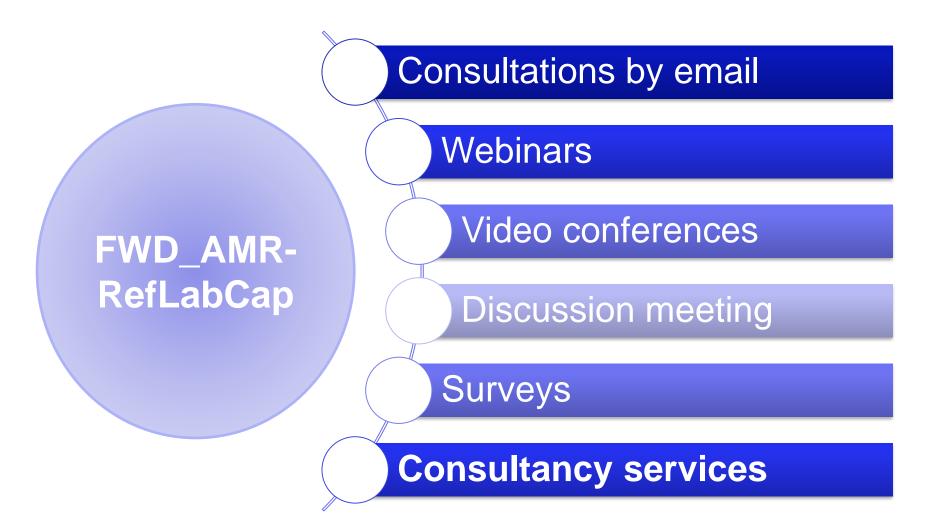
# Work plan supportive activities, cont.

- Survey to plan hands-on laboratory training based on the network needs
- Most critical points to develop, implement and maintain in an internal quality management system
- Presentation to share best practice on internal quality control schemes
- Introduction to discuss planned ring-trial exercises
- Share the outcome of ring-trial exercises
- Discussion of the draft report on lessons learned and areas for further work in relation to implementation of the activities described in the work plan
- Presentation of the aims of the mapping survey and possible evaluation criteria of regional and local laboratory capacity





#### Work plan activities – mode of action







#### Work plan activities – mode of action

TYPE OF ACTIVITY FOR ALL NETWORK MEMBERS	NUMBER OF ACTIVITIES
Network meetings for all network members	3
Training courses and workshop, physical attendance	3
Ring trials	3
EQA exercises	3
Virtual multidisciplinary training	2
Webinars	10
Video conferences	13
Consultation via email	4
Virtual training workshop	2
Survey	1
Consultancy services	Ad hoc





# Gantt chart steering tool – monitoring framework

				2021 2022										1	2023											2024									
					Aug Se	npt Oct	Nav	Dec .	lan Fe	6 Mar	Apr 1	May Ju	n Jul As	ag Sept	Oct I	Vav D	lec 3	an P	Feb N	Aar Ap	er May	Jun Ju	I Aug S	ept O	ct Nav	Dec	Jan  Feb  Mar  Apr  May Jun Jul  Aug  Sept  Oct  Nov  Dec								
Dell verable	Tank/ Activity	Таріс	Team	Type of activity	a	9 10	11	12	13	и 15	15	17	18 19	20 21	1 22	23	24	25	26	27 2	28 25	30 3	1 12	33	и 15	35	37	38	39 4	0 41	42 4	1 44	45	45 4	7 48
T1.7	1.g	Work plan to ritech nical support activities	Network/ Training	Deliverable																															
	1g.1	Consultation by E-mailion a draft vension of the work plan with the network	Networ lý Training	E-mail																															
	1g.2	Webin ar or presentation at a network meeting to present a revised version of the work plan	Network/ Training	Web inar																															
T1.10.1-3	14.1-1	Th nee meeting reports with concluding statements	Network	Deliverable (3x)	- i				- i	- i	l i	- i	i i		i i	- i		- i	- i			i i	i			i		i i		i 1	i i				
			Network	Physical meeting (3x)																															
T1.13	1.m	Report with agreed common WGS-based genome analysis methods and stand and protocols	Metho ds/ Network	Deliverable								Í				ĺ	- [					11													
	1m.1	Webin arto introduce the proposed protocol designed based an the outcome of Deliverable T1. 12 (literature review) to the network members	Metho du/ Network	Web inar																															
	1.m.2 Consultation by E-mail on a draft venice protocol	Consultation by E-mailion a draft vention of the protocol	Metho ds/ Network	E-mail																															
	1.m.1	Video conference to discuss and to resp and to the comments and the proposed protocoland to achieve the consensus	Metho do/ Network	VI dea canferen ae																															
T1.14.1-2	1n-1	Pro pos al for up dated EU protocol for AMR monitoring.	Metho ds	Draft deliverable											i	Í																			
	1n.1	Consultation by E-mail on a draft vention of the updated EU proto col with the network	Metho ds	E-mail																															
	1n.2	Webin ar to introduce a revised version of the EU protocol to the network	Metho ds	Web inar																															
	1.0-2	Revised version of updated EU protocol for AMR monitoring.	Metho ds	Deliverable																															
T1.15	1.0	Training plan - multidiscipil nany	Metho ds/ Training	Deliverable																															$\square$
	1.0.1	Video conference or discussion at the network meeting to introduce and to discuss planning the multidisciplinary training based on the network needs	Metho ds/ Trainin g	Video conferen as																															
	1.o. 2 (a, b, c)	Mu tild lacipilinar y training workshops (kirtual $sG$ ; p hysical $ix$ ) AMR surveillan os an d integration of WGG, in du ding outbreak constribut using cimulation exercises	Metho ds/ Trainin g	Virtual training (2x) Physical worlehop (1x)																															
	1.n.3 (a, b, 3)	Webin ans (Dx) on scientific top los of interest and /or country presentations on Salmonella and Camp ylobacter	Metho du/ Trainin g	Web inar (3x)																															
T1.16	1.p	Proposed WGS-based EQAschieme	Metho ds	Deliverable																															
	1 p. 1	Video conference or precentation at a network meeting to introduce and to discuss planned EQA ever does with the network	Metho ds	VI dea canferen ae																															
	1 p. 2 (a, b, c)	EQA exercises (Jk) for WGS-based resistonce profiling and high-risk clone identification in Salmo nella and Camp ylobacter	Metho ds	EQA exercise (3x)																															
	1,p.3 (a, b, c)	Video conference: or presentation at a network meeting: (3x) to share best practice on EQA exercises in the network	Metho di	Video conferen ae (Dx)																															
T1.16.1-3	1.p.1-1	Reports from EQAexercises	Metho ds	Deliverable (3x)																															



#### Thank you for your attention

Prof. Rene S. Hendriksen, PhD

Head of Unit, Research Group Global Capacity Building WHO Collaborating Centre for Antimicrobial Resistance in Food borne Pathogens and Genomics European Union Reference Laboratory for Antimicrobial Resistance FAO Reference Laboratory for Antimicrobial Resistance National Food Institute, Technical University of Denmark

rshe@food.dtu.dk





