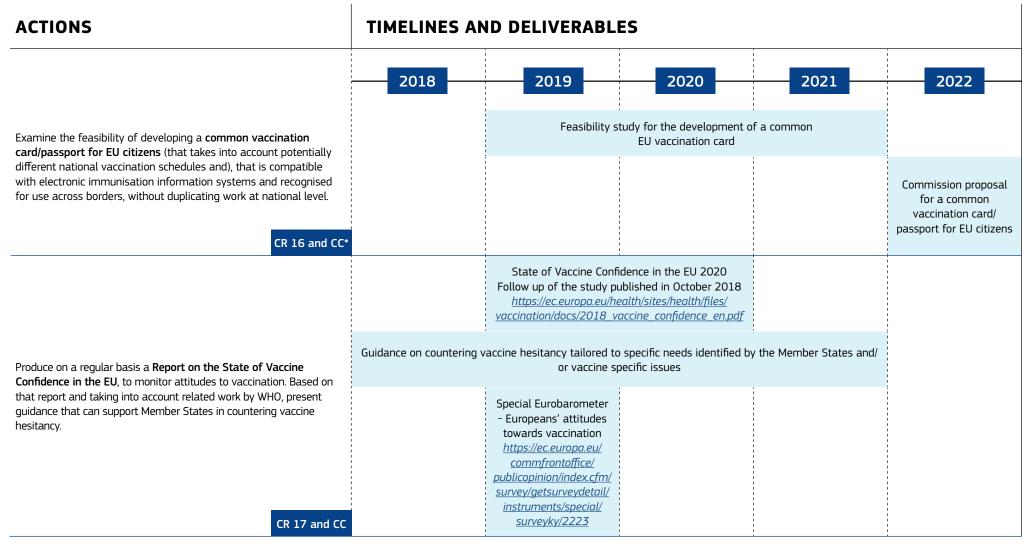
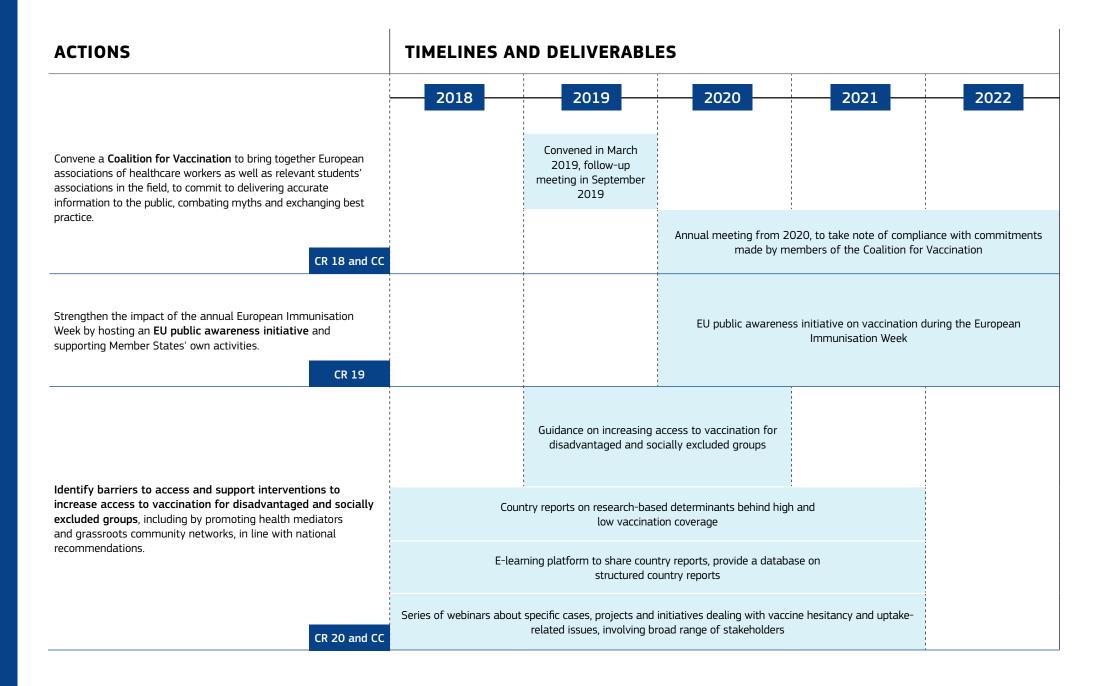
ROADMAP FOR THE IMPLEMENTATION OF ACTIONS BY THE EUROPEAN COMMISSION BASED ON THE COMMISSION COMMUNICATION AND THE COUNCIL RECOMMENDATION ON STRENGTHENING COOPERATION AGAINST VACCINE PREVENTABLE DISEASES



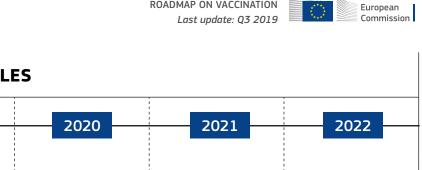
* Basis for action:

CR for Council Recommendation and the number of the Recommendation in the legal text. CC for Commission Communication





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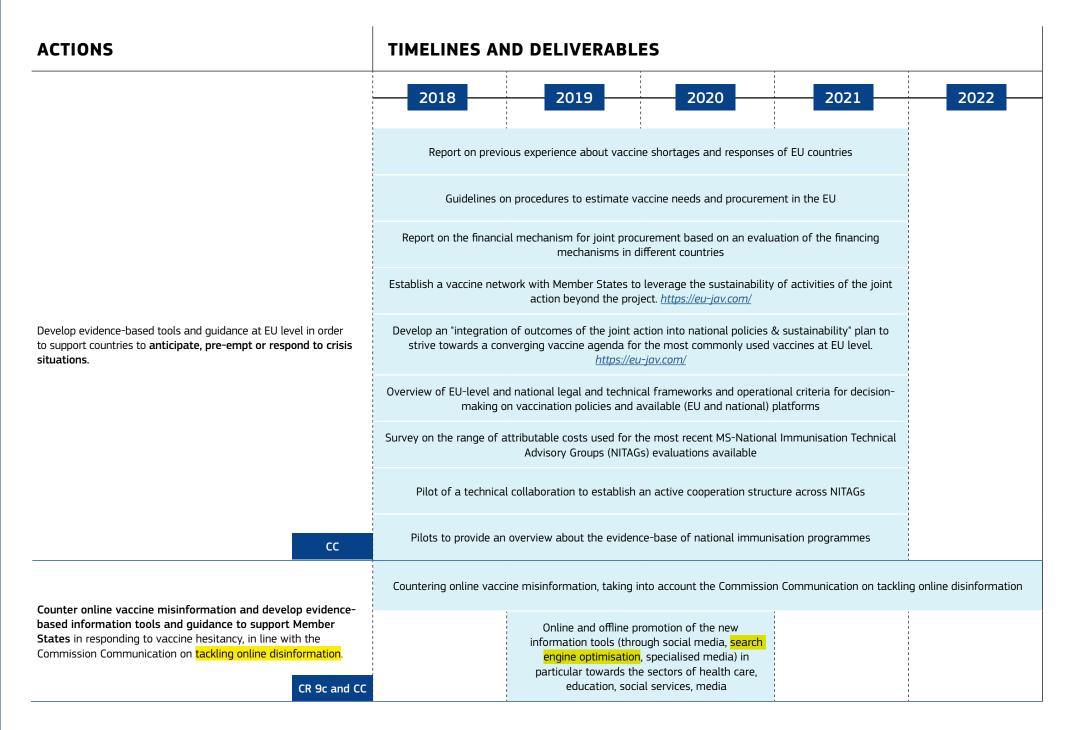


ACTIONS	TIMELINES AND DELIVERABLES						
	2018 2019 2020 2021	2022					
<text></text>	Guidance on electronic immunization information systems: handbook to help countries upgrading current EIIS systems in place or set up new ones where these are not in place yet. <u>https://ecdc.europa. eu/sites/portal/files/</u> <u>documents/designing- implementing- immunisation-</u> <u>information-system O.</u> <u>pdf</u>						
	Outline of core functionalities for information sharing and vaccine coverage assessment pilot platfo based on input from stakeholders	rm,					
	Protocol for harmonized estimations of vaccination coverage of first and second dose with mumps measles-rubella vaccine (MMR1 and MMR2)	5-					
	Open-source computer algorithm that can be shared and run by regions, countries with electronic immunisation information systems or other similar data source, completed by data on doses of mea containing vaccines						
	Common pilot online platform where vaccine coverage estimations for cross-border vaccine covera assessments can be shared publicly	ge					
	Report on data collection procedures, datasets used and interoperability assessment of electronic immunisation information systems in the EU area	:					
	Report that describes existent reminder systems and provides recommendations for future system	15					
	Report that describes the feasibility of conducting coordinated cross-border measles vaccination campaigns						



ACTIONS TIMELINES AND DELIVERABLES 2018 2019 2020 2021 2022 Develop guidance to overcome the legal and technical **barriers** impeding the interoperability of national immunisation **information systems**, having due regard to rules on personal data protection, as set out in the Commission Communication Guidance on overcoming legal (and technical) on enabling the digital transformation of health and care in the barriers to the interoperability of national Digital Single Market, empowering citizens and building a healthier immunisation information systems society. CR 21 and CC Continue to support **research and innovation** through the EU framework programmes for Research and Innovation for the development of safe and effective new vaccines, and the Projects funded under Horizon 2020 and Horizon Europe (HE) optimisation of existing vaccines. CR 22 **Global Vaccination** Strengthen existing partnerships and collaboration with Summit, taking place **international actors** and initiatives, such as the WHO and its on 12 September Strategic Advisory Group of Experts on Immunization (SAGE), the 2019 organized by the European Technical Advisory Group of Experts on Immunization European Commission (ETAGE), the Global Health Security Initiative and Agenda in cooperation with processes (Global Health Security Initiative, Global Health Security the World Health Agenda), Unicef and financing and research initiatives like Gavi, Organization. CEPI, GloPID-R and JPIAMR (the Joint Programming Initiative on https://ec.europa.eu/ Antimicrobial Resistance). health/vaccination/ ev 20190912 en CR 23 and CC

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2022

TIMELINES AND DELIVERABLES 2018 2019 2020 2021 Launch of the key projects to establish a **European Vaccination** Information Sharing System Examine the feasibility of establishing, by 2020, guidelines for a core EU vaccination schedule taking into account WHO recommendations for routine immunisation, aiming to improve the compatibility of national schedules and promote equity in Union citizens' health protection Strengthen consistency, transparency, and methodologies in the assessment of national and regional vaccination plans, by sharing scientific evidence and tools with the support of NITAGs Design EU methodologies and guidance on data requirements for better monitoring of vaccination coverage rates across all age groups, including healthcare workers, in cooperation with the WHO and collect such data and share them at EU level

Collect vaccination coverage data and share them at EU level

Establish, by 2019, a European vaccination information portal, with the support of the European Medicines Agency, to provide objective, transparent and updated evidence online on vaccination and vaccines, their benefits and safety, and the pharmacovigilance process

Establish a European Vaccination Information Sharing system.

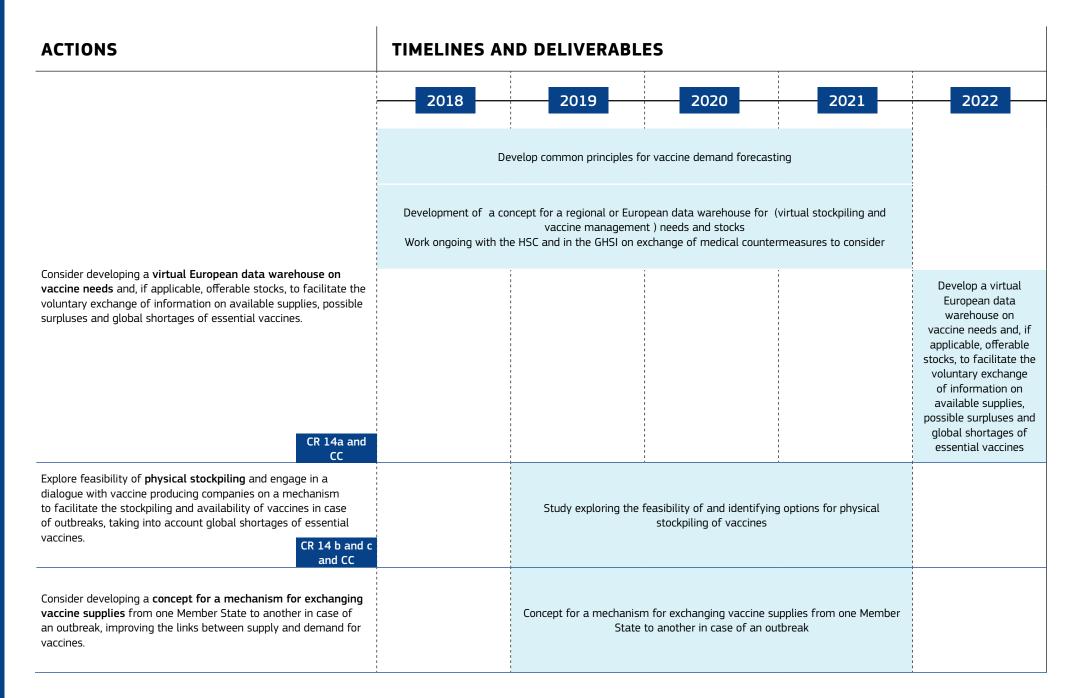
ACTIONS





ACTIONS	TIMELINES AND DELIVERABLES					
	2018	2019	2020	2021	2022	
Continuously monitor the benefits and risks of vaccines and vaccinations, at EU level, including through post-marketing surveillance studies.		Create a sustainable and multi-stakeholder platform for EU post-marketing surveillance studies monitoring the safety, effectiveness, and impact of vaccination				
Work towards developing common methodologies and strengthen the capacities to assess the relative effectiveness of vaccines and vaccination programmes.				effectiveness of vac	ogies to assess relative cines and vaccination ammes	
Strengthen the effective application of Union rules on the protection of workers from risks related to exposure to biological agents at work, as laid down in Directive 2000/54/EC and Council Directive 2010/32/EU, taking into account national competences, in particular by supporting continuing education of healthcare workers, monitoring their immunisation status and actively offering vaccination where necessary, to ensure adequate levels of patient and healthcare-workers' safety. CR 12 and CC		Evaluation of implementation of Directive 2000/54/EC in the various Member States				
Provide evidence and data, including through the European Schoolnet, to support Member States' efforts to strengthen the aspects related to vaccinology and immunisation in their national medical curricula and postgraduate education CR 13 and CC			ng training modules targeti Ils to address hesitant popu			

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ACTIONS	TIMELINES AND DELIVERABLES					
	2018	2019	2020	2021	2022	
Consider, jointly with stakeholders, in particular with the vaccine- manufacturing industry, which has a key role in meeting these aims, possibilities for improving EU manufacturing capacity , ensuring continuity of supply and ensuring diversity of suppliers. CR 14d			Conference on improving EU manufacturing capacity and ensuring continuity of supply			
Exploit the possibilities of joint procurement of vaccines or antitoxins to be used in cases of pandemics, unexpected outbreaks and in case of small vaccine demand (small number of cases or very specific populations to be covered). CR 14e		Joint procurement of pandemic influenza vaccine Framework contracts signed in March 2019 <u>https://europa. eu/rapid/midday-</u> <u>express-28-03-2019.</u> <u>htm#8</u>				
Support the EU Official Medicines Control Laboratories network and its work to ensure that vaccines placed on the EU market are of high quality.		Meeting with the EU Official Medicines Control Laboratories network				
Monitor compliance with the obligation of continuous supply of medicines placed on marketing authorisation holders (Article 81 of Directive 2001/83/EC) and explore ways to enhance compliance with that obligation. CR 14g		Examination whether this article has been implemented in full in national legislation				
Consider facilitating -together with EMA- early dialogue with developers, national policy-makers and regulators in order to support the authorisation of innovative vaccines, including for emerging health threats.		Actions to facilitate early dialogue with developers, national policy-makers and regulators in order to support the authorisation of innovative vaccines, including for emerging health threats				

