



The Standards People



ISG_E4P_Introduction_Pandemic_Tracking

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Europe for Privacy-Preserving Pandemic Protection (E4P)

E4P In a nutshell



"**Europe for Privacy-Preserving Pandemic Protection**" (E4P) was created by ETSI as a **global initiative**. E4P supports the ultimate objective **to save lives** by contributing to break COVID-19 transmission chains.

E4P aims to define a **global framework for digital contact tracing systems** that would facilitate data privacy, security, scalability and interoperability.

Participants to the E4P meetings are representatives of 36 **global organizations**, with members ranging from government and EC representatives, vendors, operators and research bodies to ethics, legal and cybersecurity players.



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E4P's aim and target



In the context of pandemic with a transmittable virus such as SARS-CoV-2, digital contact tracing systems are used **to cut infection chain** by alerting people of the risk of infection due to having been in close contact with an infected person.

The ETSI ISG E4P aims to develop a **global framework and consistent set of specifications** for contact tracing systems using proximity detection methods.

E4P plans to produce a **comparison between existing systems and 4 specifications** in a short timeframe. The 4 specifications will describe the requirements for contact tracing systems, the device-based mechanisms, the back-end mechanisms and an interoperability framework. The first specifications will be **available soon before end of 2020** so as to be applicable to existing solutions.

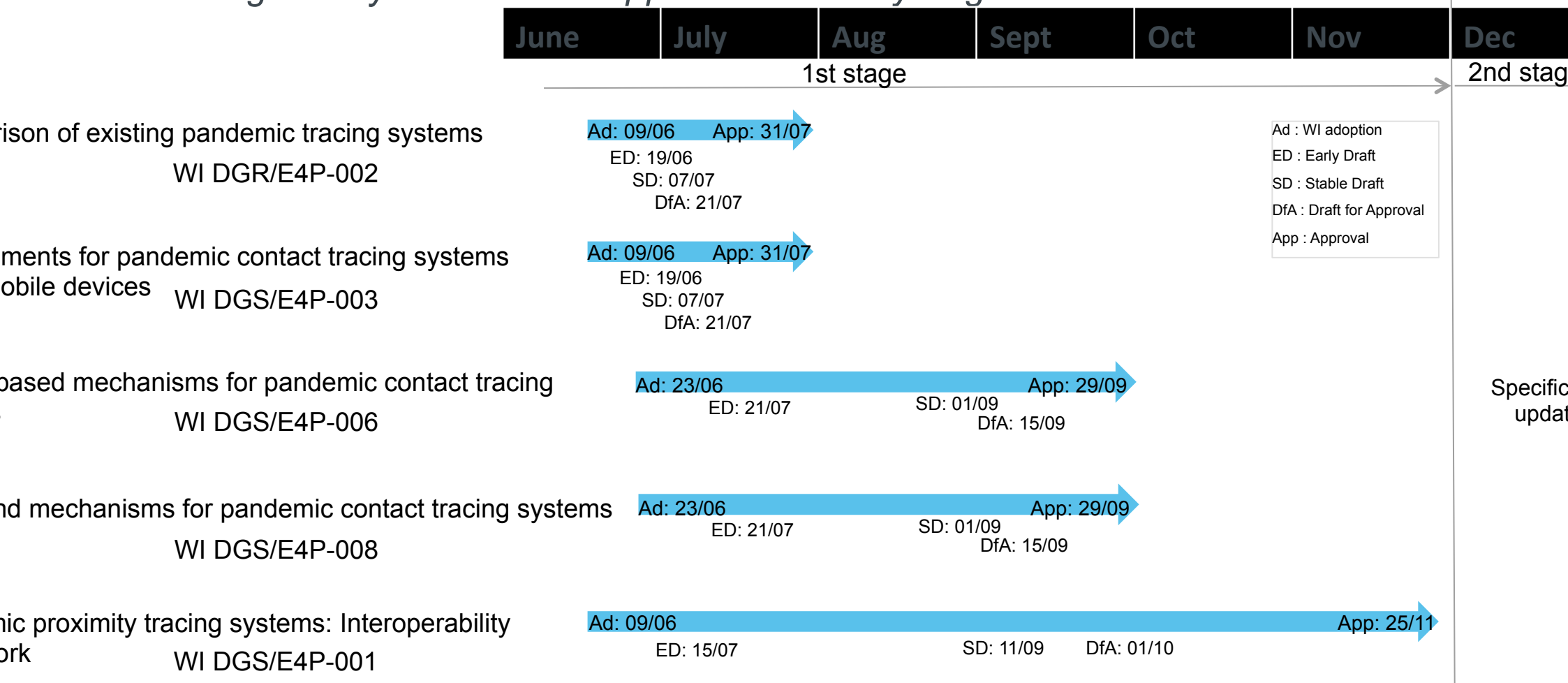
The E4P is an Industry Specification Group (ISG) of ETSI and is opened to the **wide participation of the industry and society**: Any company can participate and contribute to the work of E4P, ETSI members or non ETSI members.

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E4P Working plan 1/2



5 work items have been approved, the development of the related documents has started. E4P has planned meetings every 2 weeks to support the delivery targets.



E4P Roadmap

- Priority 1
- Priority 2
- Priority 3

H2 2020		H1 2021		Q3 2021
Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021
<p>To specify Systems</p> <ul style="list-style-type: none"> To make the deployed systems more robust <ul style="list-style-type: none"> Compliant with GDPR and EC guidelines In priority smartphone-based system using Bluetooth low energy, first European systems (DP3T/GAEN and Robert/Desire) 				
<p>To facilitate international interoperability</p> <ul style="list-style-type: none"> To develop solutions that could be used by specified systems to make them interoperable. 				
		<p>To improve the systems specified</p> <ul style="list-style-type: none"> To add new functions or devices to the systems specified/ Ex: Token, new API and Operating Systems, new proximity detection measurements...Starting from their description in group report to derive related requirements and consequently the related technical solutions. 		
			<p>To explore and develop new systems</p> <ul style="list-style-type: none"> To develop the most robust systems <ul style="list-style-type: none"> Ex : cellular network solution 	

European Privacy-Preserving Pandemic Protection (E4P)

E4P Contacts



Chairman:	Edgar Guillot
Vice-chair/Technical coordination:	Stéphane Dalmas
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