



INFORMATION TECHNOLOGY
for PUBLIC TRANSPORT

STANDARDISATION AT WORK WITHIN CEN TC278 WG3

PRESENTATION TO TOMP-WG – JANUARY 2024

WHAT IS CEN-CENELEC?

- CEN = European Committee for Standardization
- CENELEC = European Committee for Electrotechnical Standardization
- **International non-profit associations**
- Officially recognized as **European Standardization Organizations** along with ETSI for both the EU and European Free Trade Association (EFTA)
- Regroups
 - **43** different National **Standardization Bodies**/National **Committees**
 - in **34** different European **countries** (27 Member States of the EU + United Kingdom, the Republic of North Macedonia, Serbia and Türkiye + Iceland, Norway and Switzerland)

[Learn more](#)

CEN IN FIGURES

TECHNICAL BODIES











- **317 CEN Technical Committees**
- 57 Sub-Committees of CEN Technical Committees
- **1519 CEN Working Groups**
- **18 CEN-CENELEC Technical Committees**
- 35 CEN-CENELEC Working Groups
- **3 CEN-CENELEC-ETSI Technical Committees**
- 4 CEN-CENELEC-ETSI Working Groups

PUBLISHED STANDARDS & DOCS IN 2022

- **943 European Standards (EN)**
- **146 Technical Specifications (TS)**
- **72 Technical Reports (TR)**
- 45 Workshop Agreements (CWA)
- 1 Guide (CG)

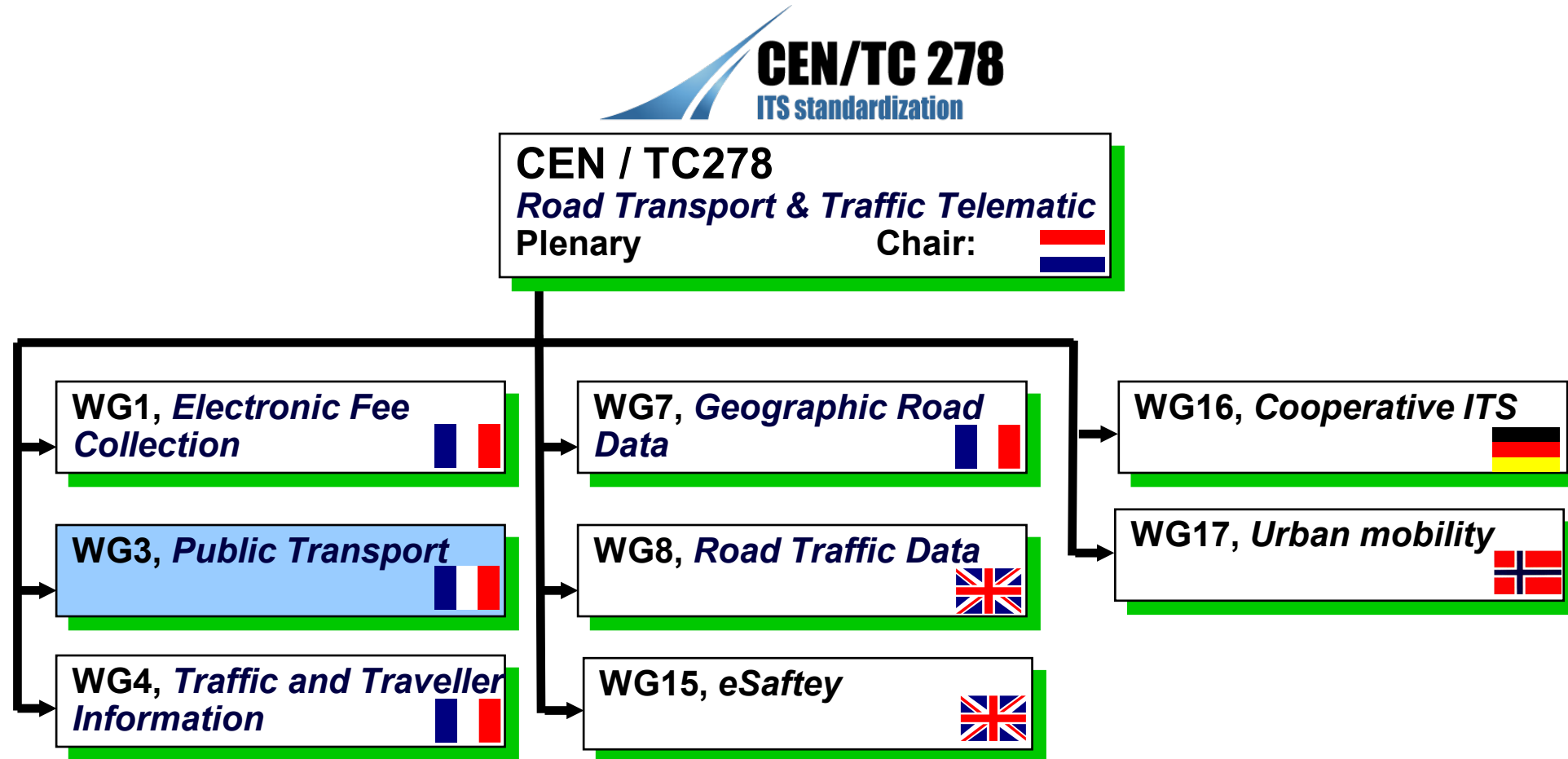
RELATIONSHIP WITH ISO



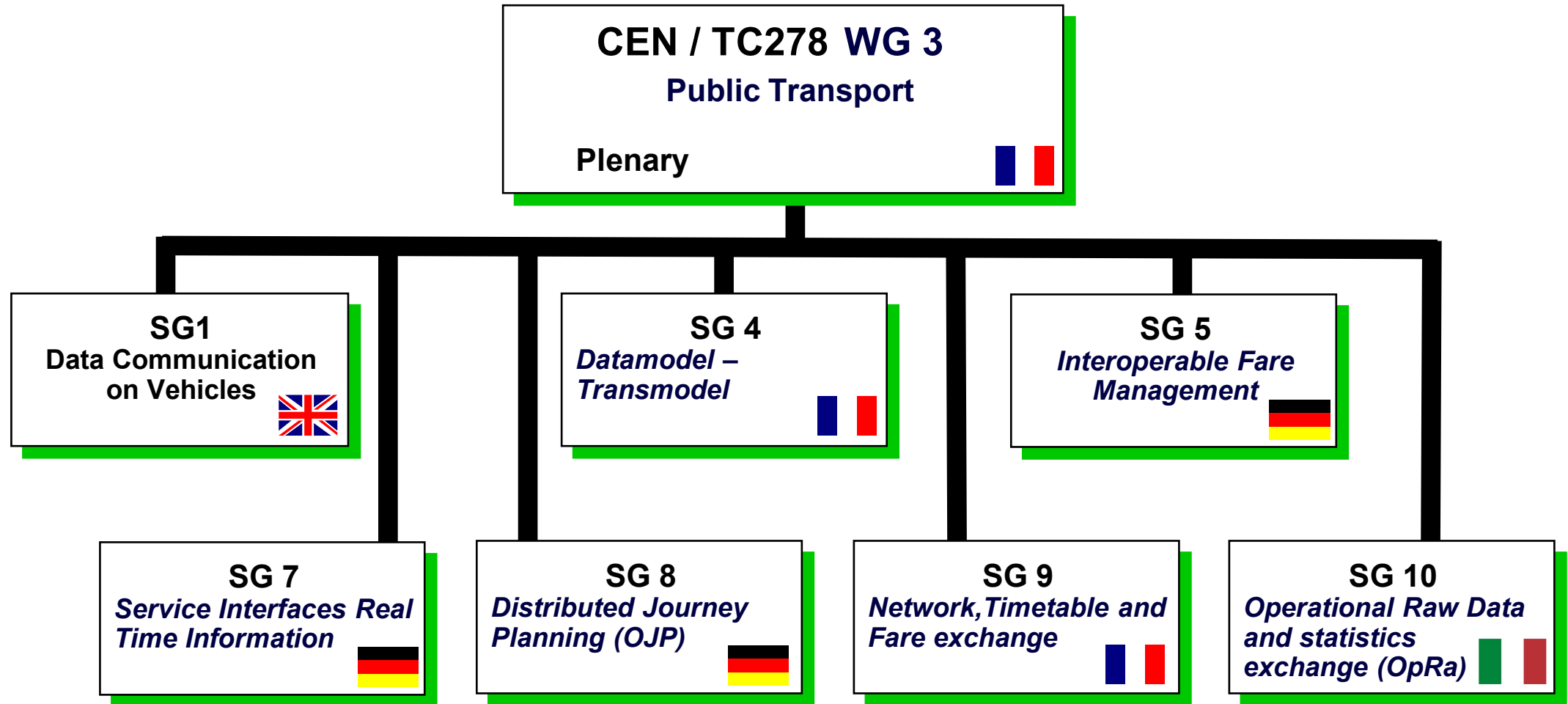
WG 1	Electronic fee collection and access control (EFC)		WG 5	Fee and Tool Collection	
WG 2	Freight, Logistics and Commercial Vehicle Operations				
WG 3	Public Transport (PT)		WG 8	Public Transport / Emergency	
WG 4	Traffic and Traveller Information (TTI)		WG 10	Traveller Information Systems	
WG 5	Traffic control (TC)				
WG 6	Parking Management				
WG 7	ITS Spatial data		WG 3	ITS Geographic Data	
WG 8	Road Traffic Data (RTD)		WG 9	Integrated Transport information, Management, and Control	
WG 9	Dedicated Short Range Communication (DSRC)				
WG 10	Man-Machine Interfacecs (MMI)				
WG 11	Subsystem and Intersystem Interfaces				
WG 12	Automatic Vehicle Identification and Automatic Equipment Identification (AVI/AEI)				
WG 13	Architecture and Terminology				
WG 14	After Theft Systems for the recovery of the stolen vehicles				
WG 15	eSafety				
WG 16	Cooperative ITS		WG 18	Cooperative systems	
WG 17	Mobility Integration		WG 19	Mobility Integration	

Joint Working Group
Working Group
Disbanded

SCOPE OF CEN TC278



SCOPE OF CEN TC278 WG3



HOW TO JOIN CEN TC278 WG3: OPEN TO ALL!

HOW TO REGISTER

- **Via your National Standardisation Body** (NSB)
 - AFNOR
 - NEN
 - etc.

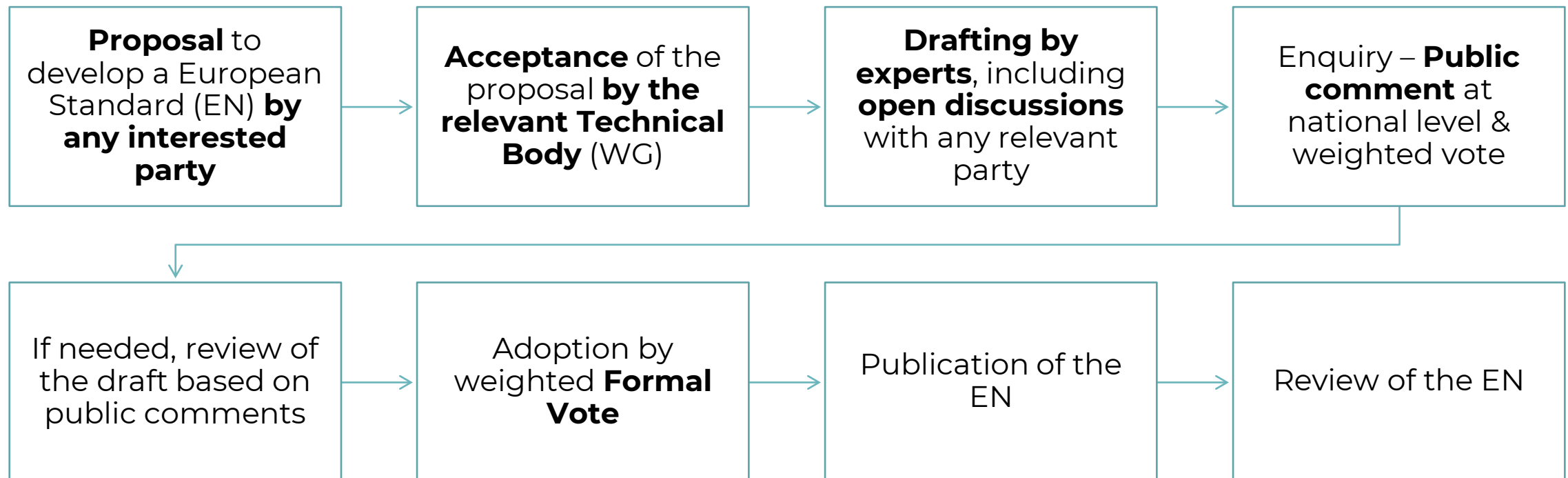
WHO CAN REGISTER

- **Anyone!**
 - Individuals (consultants)
 - Associations & Non-profits
 - Public bodies
 - Private entities

WHY REGISTER

- Making sure that relevant people are involved

WORK PROCESS



WORK PROCESS - TOOLS

CEN

- Platforms
 - CEN collaborative platform (hosted by ISO)
 - National standardization body collaborative platform (e.g., PFC AFNOR for France)
- Content
 - Meeting schedule, agenda & notes
 - All documents shared during meetings

WG & SG

- Platforms: for each WG and SG to choose based on their own preferences
- Transmodel, NeTEx et SIRI:
 - Basecamp for all major discussions
 - GitHub for the publication of technical artefacts & some discussions (

GOVERNANCE: WHO DOES WHAT?

CEN MEMBERS (34 COUNTRIES)

- Vote on final version of the standard or its revision

ITXPT (ASSOCIATION)

- Official convenor of the TC278 WG3
- Coordinates projects and work to
 - Maintain, revise and extend existing CEN norms and standards
 - Develop new CEN standards
 - Feed CEN work

WG MEMBERS

- Define roadmap for standards definition
- Draft standards and their revised version
- Consult external experts
- Draft documentation
- Provide implementation support



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THANK YOU!

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- ITxPT – MANAGER, PROJECTS & PARTNERSHIPS
- TOMP-WG – Co-CHAIR
- AFNOR (BNTRA) – CN03 GT7 – LEAD