



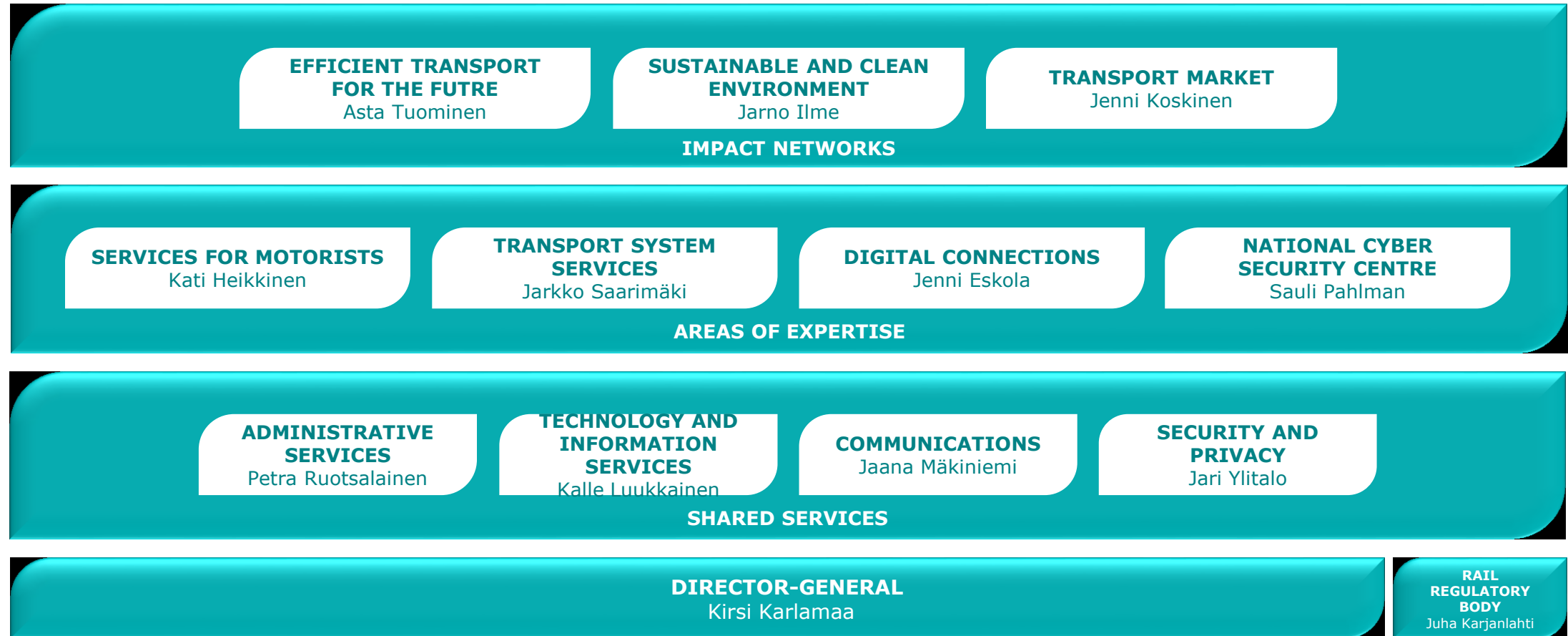
**TRAFICOM**

Finnish Transport and Communications Agency

# Overview on the Requirements of Radio Equipment on the EU Market

UNECE-WP6-MARS  
10<sup>th</sup> of June 2022

# Traficom Organisation, 15 June 2021





# Conformity of Radio Equipment

# Radio Equipment Directive 2014/53/EU ("RED")

- ▶ Sector-specific legislation
- ▶ Applies to placing on the market and making available on the market
  - ▶ Does not cover the whole lifecycle of the product
- ▶ Main economic operators:
  - ▶ manufacturers, importers, distributors



# Scope and Applicability of the Radio Equipment Directive 2014/53/EU ("RED")

- ▶ Electrical or electronic equipment which intentionally transmits and/or receives radio waves for
  - ▶ communication and/or
  - ▶ radio determination
- ▶ Examples: mobile phones, tablet computers, remote controls, drones, radiotelephones, gps receivers



# Essential Technical Requirements

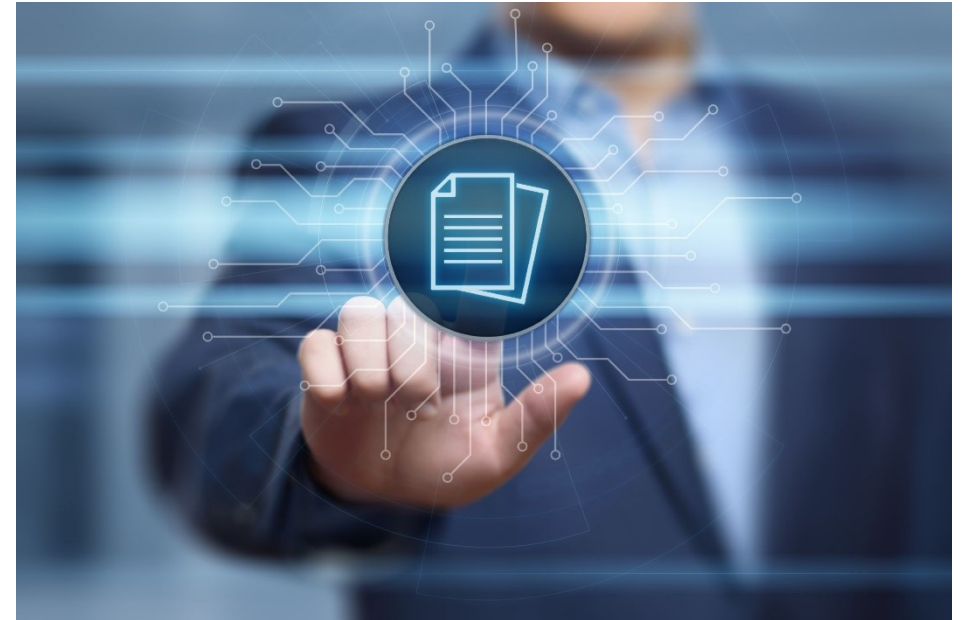
- ▶ The essential requirements for all radio equipment art. 3(1)(a/b) and 3(2) RED

- The protection of health and safety
- An adequate level of electromagnetic compatibility
- Effective and efficient use of radio spectrum, avoidance of harmful interference

- ▶ Specific requirements for certain product categories, subject to issuance of delegated Acts by the Commission
  - ▶ Activated under art. 3(3) RED
    - ▶ **Information security** 3(3)(d/e/f)
    - ▶ Supporting access to emergency services 3(3)(g)

# Main Elements of Administrative Requirements

- ▶ Assurance of conformity
  - ▶ **EU Declaration of Conformity**
  - ▶ **CE marking**
  - ▶ Technical documentation
- ▶ Sufficient information for intended use of radio equipment
  - ▶ Instructions and safety information
    - ▶ The language must be easily understood by consumers and other end users
  - ▶ Information on geographic restrictions etc.
- ▶ Traceability information: manufacturer's and importer's names and contact details



# Key Economic Operators

## **The manufacturer**

Manufacturers radio equipment or has it designed or manufactured, markets the equipment under his name or trade mark.  
Can appoint authorised representatives.


## **The importer**

A natural or legal person established in the Union, places radio equipment from a 3rd country on the EU market.

## **The distributor**

Any other person in the supply chain, who makes radio equipment available on the EU market.





# Market Surveillance of Radio Equipment

# Market Surveillance of Radio Equipment

## Market Surveillance

- ▶ Technical compliance
- ▶ Administrative compliance: Documents and markings
- ▶ EU Member States shall allow the putting into service and use of radio equipment, if it complies with RED
- ▶ Detected harmful radio interferences may trigger radio equipment checks (if similar equipment is still available)

## National Radio Spectrum Plan

Additional requirements for putting into service/use of radio equipment  
Requirements under the national licensing scheme

# Co-operation between Market Surveillance Authorities of Radio Equipment on the EU Level

- ▶ ADCO RED: Group of Administrative Co-operation Under the Radio Equipment Directive
- ▶ Joint market surveillance campaigns carried out by ADCO RED:
  - ▶ 11<sup>th</sup> RED market surveillance Campaign on PRM
    - ▶ 17 MSAs checked 89 products and 83% were found non-compliant
    - ▶ Exchange of information between MSAs (via a common database – ICSMS)
    - ▶ [Report of the campaign](#) was published in 2021





# Improving the Information Security of Radio Equipment

# New EU Information Security Requirements for Radio Equipment

- ▶ Commission Delegated Regulation (EU) [2022/30](#) supplementing the RED
- ▶ Sector-specific regulation
  - ▶ Activates art. 3(3)(d/e/f) of RED
- ▶ Apply to certain categories of radio equipment falling under the RED
  - ▶ Scope limitations have been made on a risk basis

New requirements applicable from **1<sup>st</sup> of August 2024**



# Objectives and Scope of the New Requirements

- ▶ Objectives of the new requirements:
  - ▶ (d) protect communications networks
  - ▶ (e) better protect users' privacy and
  - ▶ (f) prevent monetary fraud committed using internet-connected equipment
- ▶ Categories of equipment within the scope of the regulation:
  - ▶ internet-connected devices, toys, childcare equipment and wearables
- ▶ Some exclusions, e.g., medical devices



# Thank you!

[milla.kuokkanen@traficom.fi](mailto:milla.kuokkanen@traficom.fi)

[traficom.fi](http://traficom.fi)

[@TraficomFinland](https://twitter.com/TraficomFinland)

