Broadband mapping in Poland
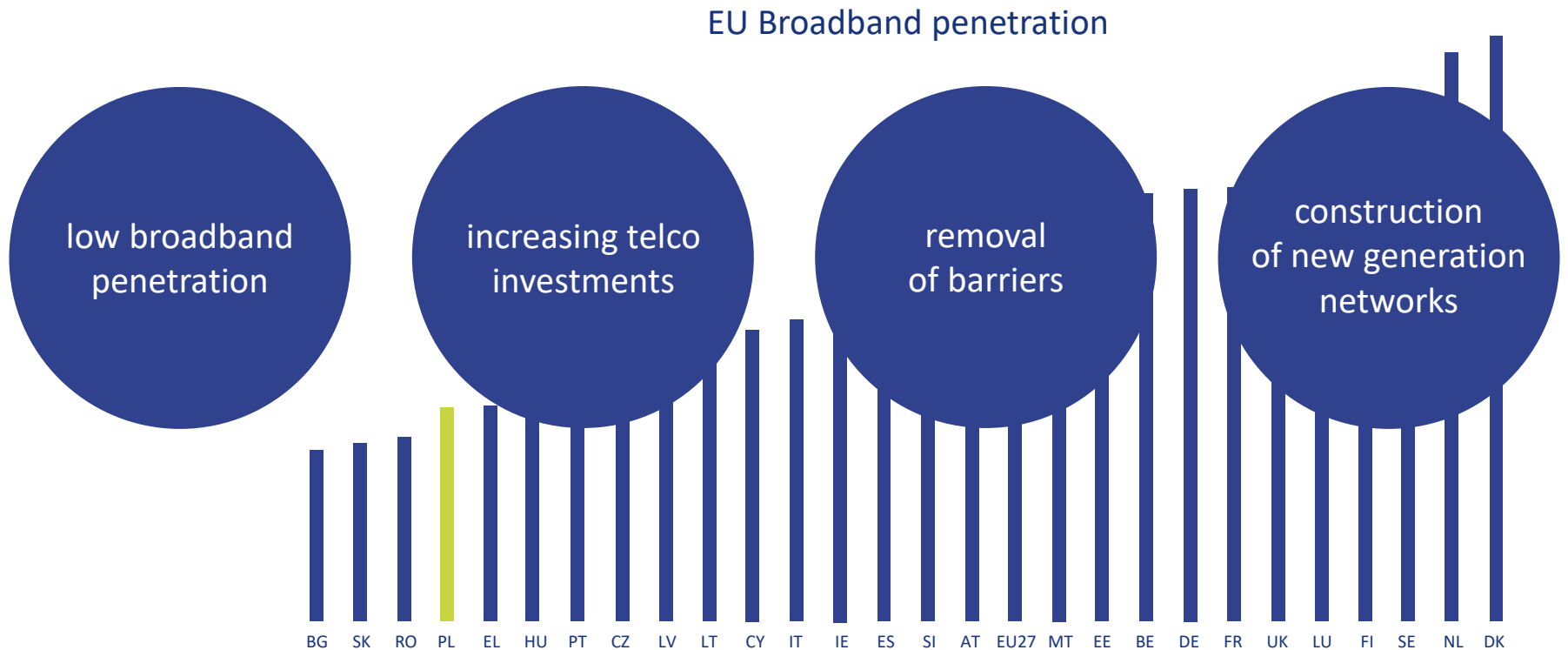
November 30th, 2020

Broadband infrastructure mapping

Why we decided to do mapping?

EU Broadband penetration

low broadband penetration

increasing telco investments

removal of barriers

construction of new generation networks

BG SK RO PL EL HU PT CZ LV LT CY IT IE ES SI AT EU27 MT EE BE DE FR UK LU FI SE NL DK

Source: UKE, January 2009

The Act of May 7th 2010 - BROADBAND ACT
on supporting the development of telco services & networks

Article 29 of the Broadband Act defines:

OPTIC LINKS

WIRELESS NETWORKS

BUILDINGS TO ENABLE COLLOCATION

TELECOMUNICATIONS UNDERTAKINGS

LOCAL GOVERNMENT UNITS

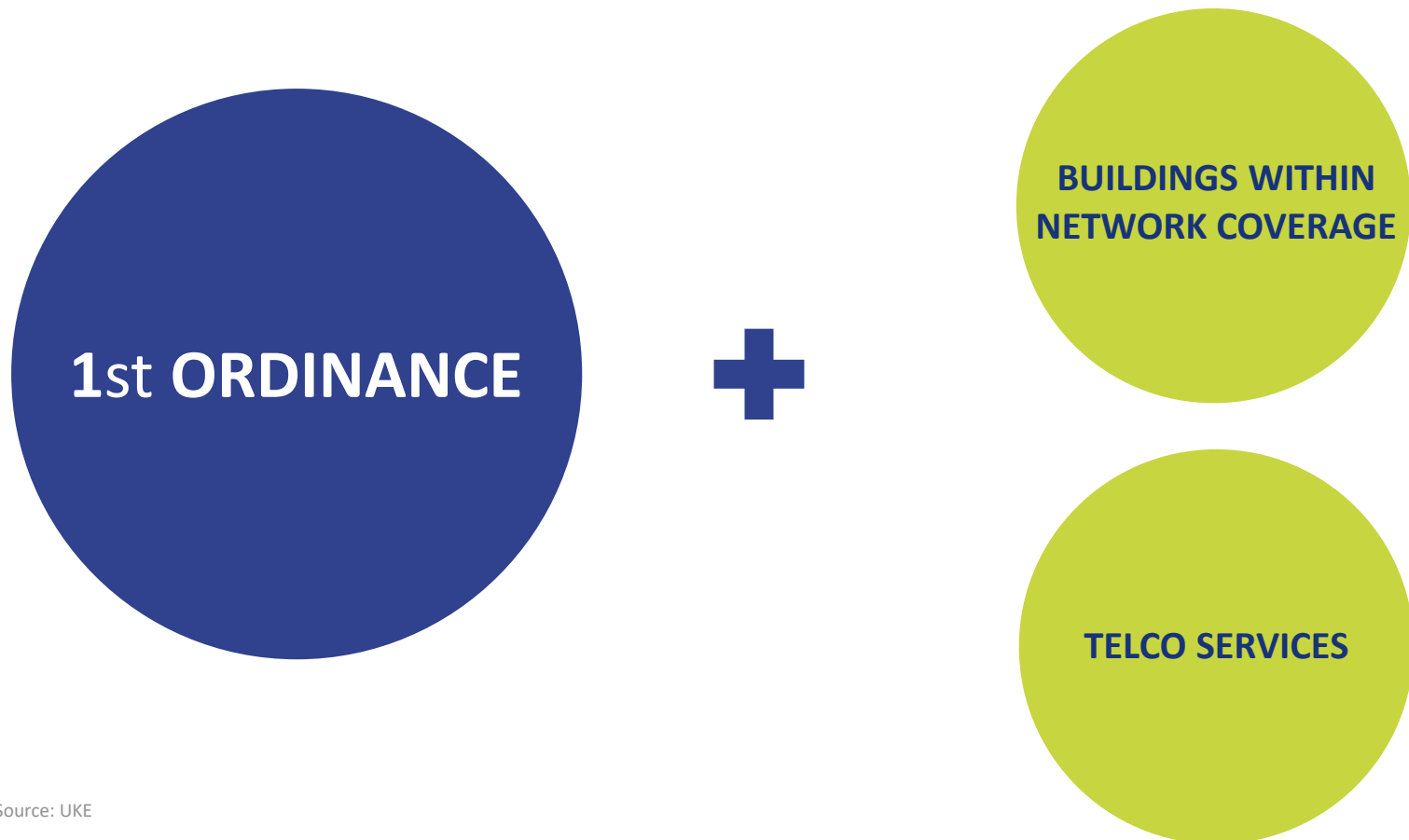PUBLIC UTILITY ENTERPRISES

ONCE A YEAR

1st Ordinance – 2011
on the inventory of the telecommunications infrastructure and public telecommunications networks
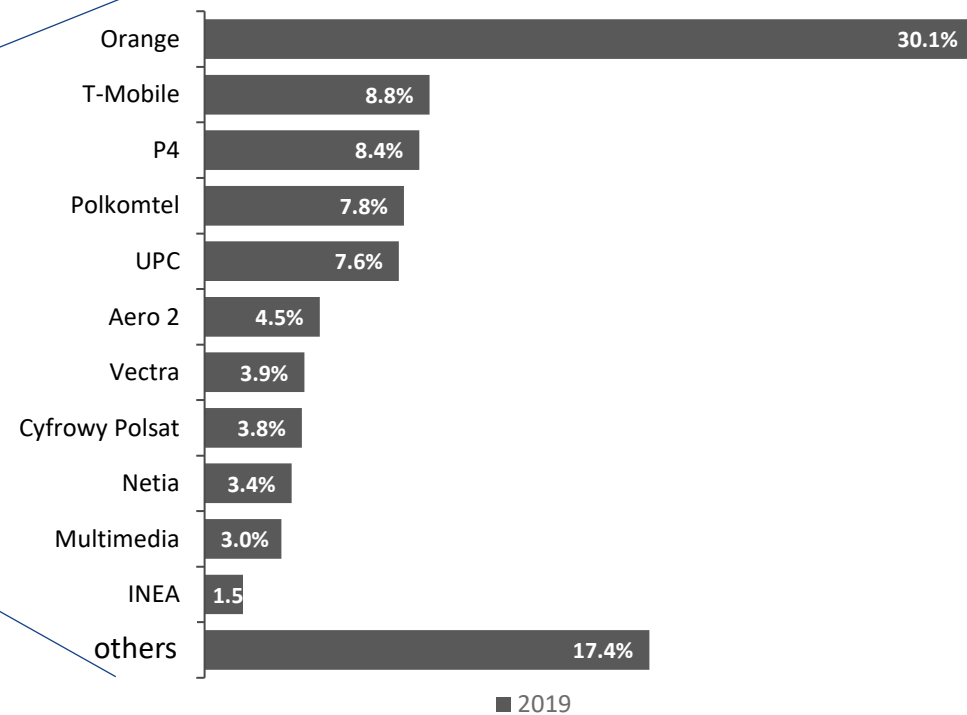
Broadband Infrastructure Information System

BACKBONE & DISTRIBUTION NETWORKS

TELECOMMUNICATION HUBS

NETWORK LINKS

COLLOCATION BUILDINGS

Source: UKE
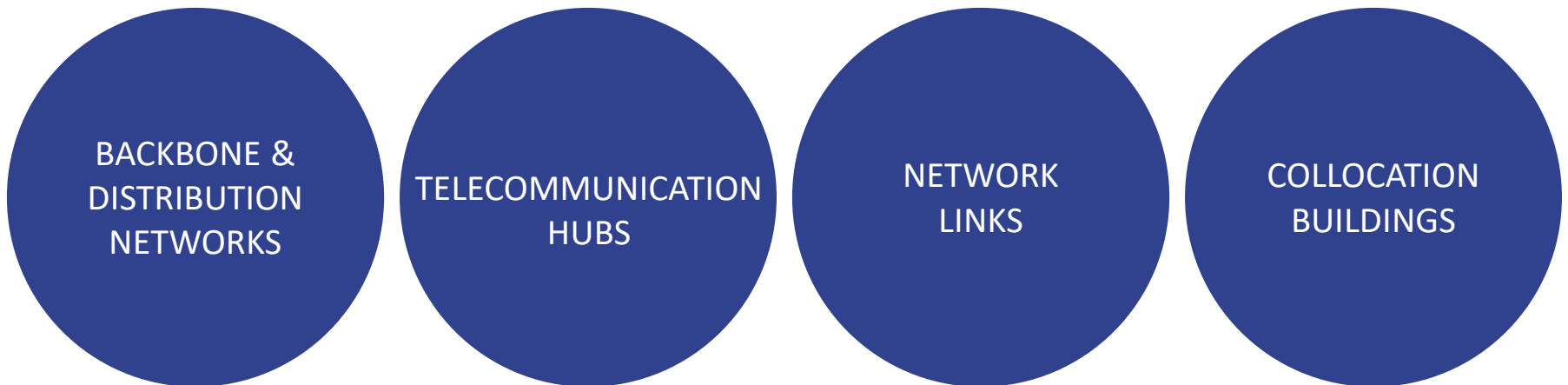
2nd Ordinance – 2014
on the inventory of the telecommunications infrastructure and services

1st ORDINANCE

+

BUILDINGS WITHIN NETWORK COVERAGE

TELCO SERVICES

Source: UKE

Inventory stakeholders:

2 808
local government authorities

5 279
telco companies

710
public utility enterprises

	2019
Orange	30.1%
T-Mobile	8.8%
P4	8.4%
Polkomtel	7.8%
UPC	7.6%
Aero 2	4.5%
Vectra	3.9%
Cyfrowy Polsat	3.8%
Netia	3.4%
Multimedia	3.0%
INEA	1.5
others	17.4%

Source: UKE

Broadband mapping systems

Office of Electronic Communications | UKE

Single Information Point

Broadband infrastructure information system (since 2010)

> Data report once a year

> Telco services Telco infrastructure

> One deadline date

SIP I (2017)

SIP I (2018) new edition

SIP II (2022)

> Data report **twice** a year

> Telco services Telco infrastructure **Broadband networks**

> **Two** deadline dates

New approach to mapping

Source: UKE
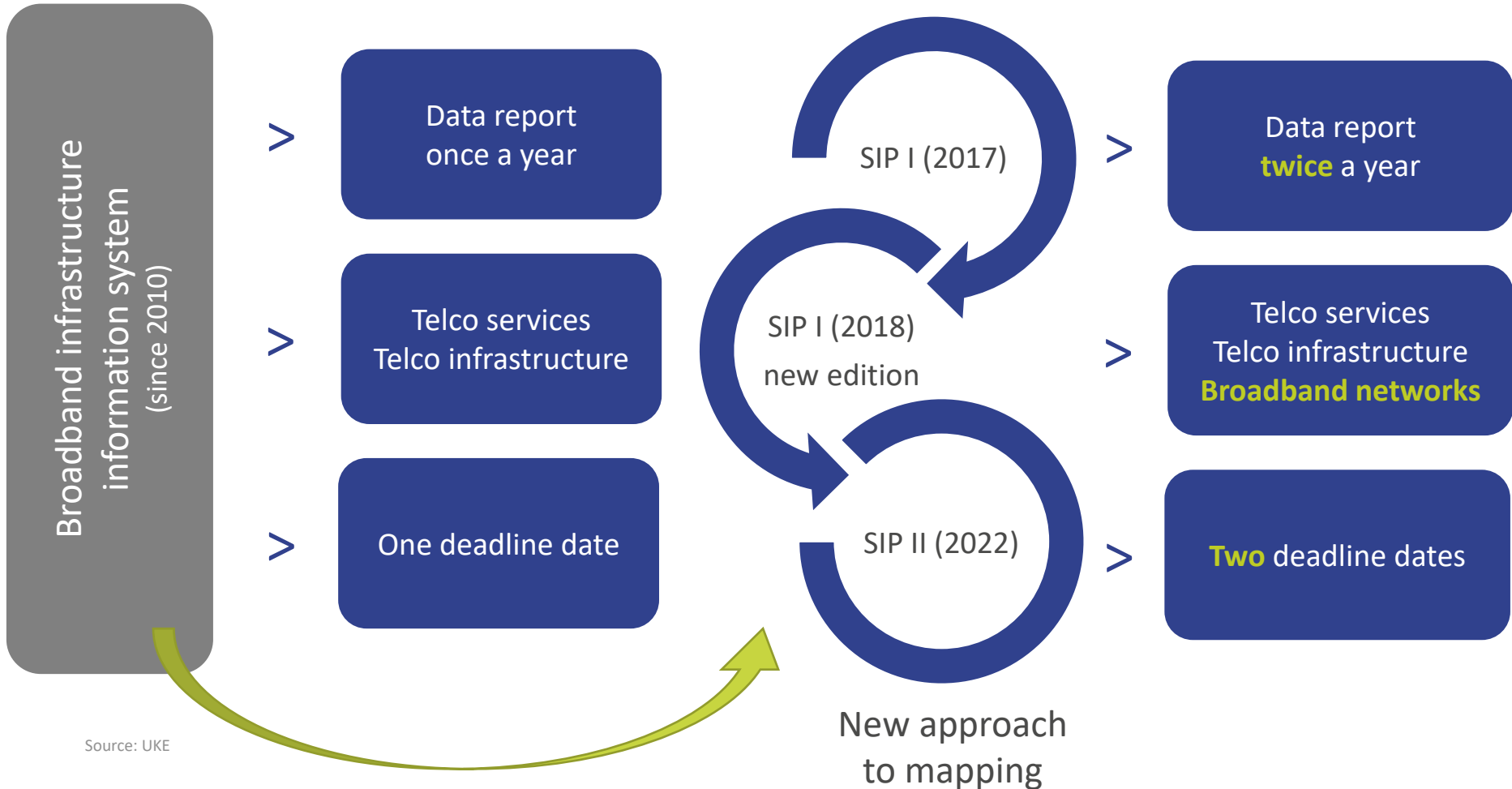
Infrastructure search and service demand

Window map

(On red are marked addresses, where even after POPC projects access to Internet will be below 30 Mb/s)

Identification data

Graph

Legend

Links to additional data

UKE webinar series

- Broadband Mapping in Poland

    https://www.youtube.com/watch?v=FDSZWee8dDU

- Inventory of infrastructure and telecommunication services in Poland

    https://www.youtube.com/watch?v=0aAQlZJ4aOQ

- Single Information Point in Poland

    https://www.youtube.com/watch?v=X4mUrqYu1rU Part 1 of video

- Open Source Solutions Utiliized in Telecommunications Data Processing and Visualisation

    https://www.youtube.com/watch?v=X4mUrqYu1rU Part 2 of video

- Identifying „white spots" for Digital Poland Operational Programme

    https://www.youtube.com/watch?v=X4mUrqYu1rU&feature=youtu.be

- A platform presenting investments attractiveness in the areas of white spots in Internet access

     https://www.youtube.com/watch?v=X4mUrqYu1rU&feature=youtu.be

Thank You!

uke.gov.pl