

ENABLING ENVIRONMENT FOR 5G DEPLOYMENT IN POLAND

DOMINIK KOPERA

Acting Deputy Director
Department of Telecommunications
Ministry of Digital Affairs of Poland



Ministry
of Digital Affairs

BUILDING A BROAD COALITION



Operators and vendors



Business and industry



The science and research sector



Central government, local
government and NGO sector



The rest of society





THE AGREEMENT

The main goal of the Agreement is the collaboration between the Parties to deliver the actions associated with the creation and realization of “5G for Poland”. These actions are aimed at preparation of optimal conditions for allowing the delivery of the associated economic benefits for the country, thanks to the development of **Industry 4.0**.

The Agreement is not designed to create any legal obligations on the part of the signatories thereto, including any financial obligations or obligations to effect certain performance.

BUILDING A PLACE FOR DIALOGUE

- **ALL PARTICIPANTS WILL BE TREATED AS EQUAL.**
- **PARTICIPANTS ARE OBLIGED TO:**
 - make effort to enable the creation of the Strategy “5G for Poland” and realization of its provisions;
 - as concerns the communications activities addressed to telecommunications market participants, to conduct such activities according to their best knowledge in the manner taking into account the current development of the 5G technology, including the current technical knowledge and the status of the standardization works;

Leadership

THE MINISTER OF DIGITAL AFFAIRS IS THE LEADER OF THE AGREEMENT FOR THE STRATEGY “5G FOR POLAND” AND PRESIDES OVER THE ACTIVITIES OF THE AGREEMENT.

President of the Office of Electronic Communications is the Partner of the Agreement for the Strategy “5G for Poland and supports the Leader in the activities being performed.

NATIONAL INSTITUTE OF TELECOMMUNICATIONS IS THE ORGANIZER OF THE AGREEMENT FOR THE STRATEGY “5G FOR POLAND” AND ADMINISTERS THE ACTIVITIES PERFORMED IN THE FRAMEWORK OF THE AGREEMENT ON BEHALF OF THE LEADER.

OPENNESS

- **The Agreement** is open for participation of any Polish ICT market participants, as well as Polish government or other public institutions, R&D and scientific entities.
- **The Leader**, the Partner the Organizer and the Participants are allowed use the output of the Agreement in their statutory activities, including their information and CSR policy.
- **The Agreement** is of an open nature and is open for other parties to sign.

THE WORKFLOW

AS A RESULT OF THE AGREEMENT, 6 WORKING GROUPS DEALING WITH DIFFERENT ISSUES WERE ESTABLISHED:

- 5G network standards and architecture;
- radio spectrum;
- tests and pilots;
- legal regulations and cooperation (with administration and other industries);
- 5G network security;
- 5G network promotion,

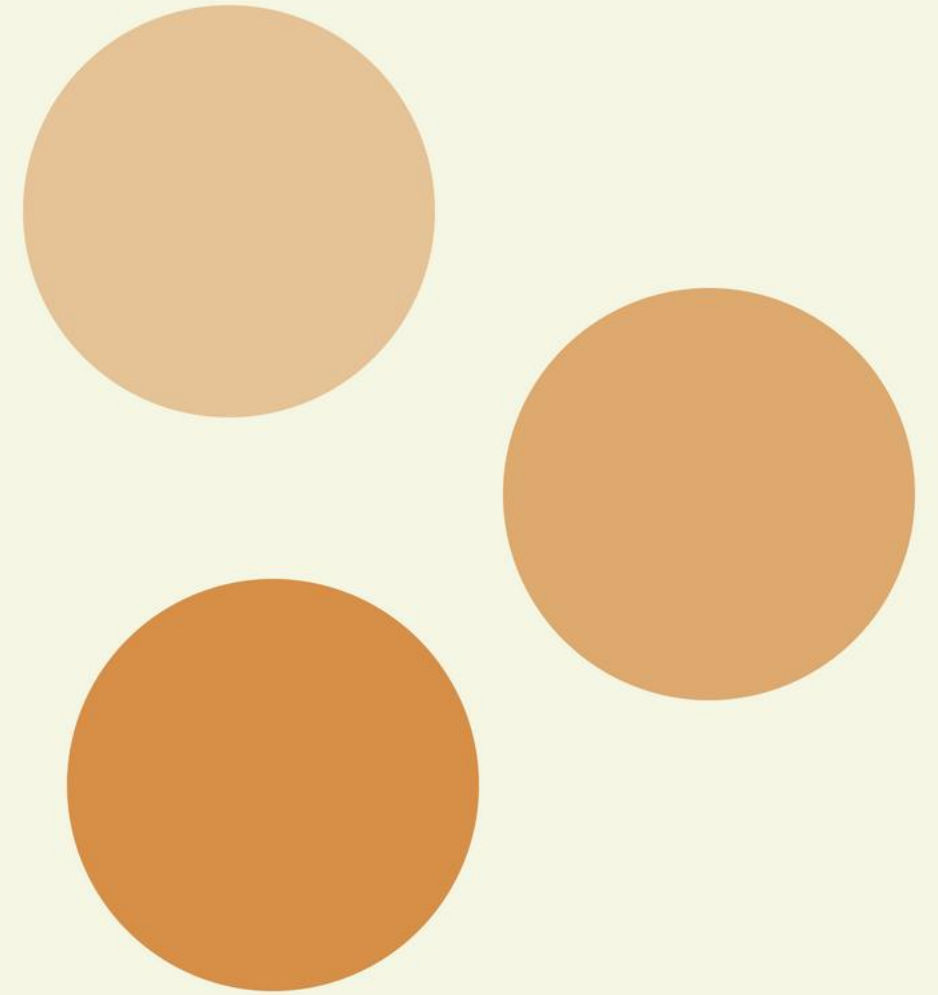
THE OBJECTIVES

THE MAIN TASKS OF THE GROUPS ARE:

- to develop substantive documents constituting the starting material for the "5G for Poland" Strategy;
- to identify barriers to the introduction of 5G networks in Poland;
- to develop ways to overcome these obstacles.

IDENTIFIED ISSUES

- fear of the electromagnetic field
- complicated environmental procedures
- a multitude of procedures
- regulations do not keep up with technology
- very strict limits of electromagnetic radiation



The background is a warm, golden-brown color with a soft, slightly blurred texture. In the upper right, there is a clear glass filled with water. To its left, a white paperclip is visible. In the lower right, a pair of clear-framed glasses with dark temples is resting on a surface. The overall aesthetic is clean and professional, suggesting a workspace or office environment.

LEGISLATIVE WORK PLAN TO TACKLE THE ISSUES

2019 THE ADOPTION OF THE 1ST LEGISLATIVE PACKAGE FOR THE 5G NETWORK



The package will include:

- Implementation of EU regulations on the launch of short-range wireless access points for effective testing and piloting of the 5G network and enabling the early implementation of the 5G network in a selected city in the country.
- Introduction of definitions of terms related to technical infrastructure for 5G networks (eg short-range access points without a short-range network, very high-bandwidth network)



The package will also provide full harmonization of Polish law with EU law in order to:

- facilitate the implementation of very fast networks with a bandwidth of even a gigabyte per second
- to include in the legislative scope also new communication tools, the so-called OTT services
- provide end users with functional internet access at an affordable price.

Creating the basis for the development of the digital market and new innovative services based on the Internet of Things (IoT), data processing in the cloud, analysis of large data sets and artificial intelligence.

2020



Full implementation of the European Electronic Communications Code and legal changes resulting from recommendations following tests and pilot studies (2nd legislative package for the 5G network).

Defining the scope of regulation in the field of telecommunications security 5G.

2021



Review of legislation after the launch of the commercial 5G network in at least one major city in 2020.

Adoption of the 3rd legislative package for 5G telecommunications security

2023



Adoption of the 4th legislative package for the 5G network.

In the works

THOUGH THE STRATEGY HAS NOT BEEN FULLY ADOPTED YET WE ARE ALREADY WORKING ON LEGISLATIVE CHANGES AND WE PLAN TO ADOPT THEM BY THE 1 QUARTER OF 2019.



THANK YOU!

DOMINIK KOPERA



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The bottom portion of the image shows a high-angle, wide shot of a city street, likely in New York City, with many tall buildings and a street filled with cars. The image is tinted with a warm, orange-brown color.