

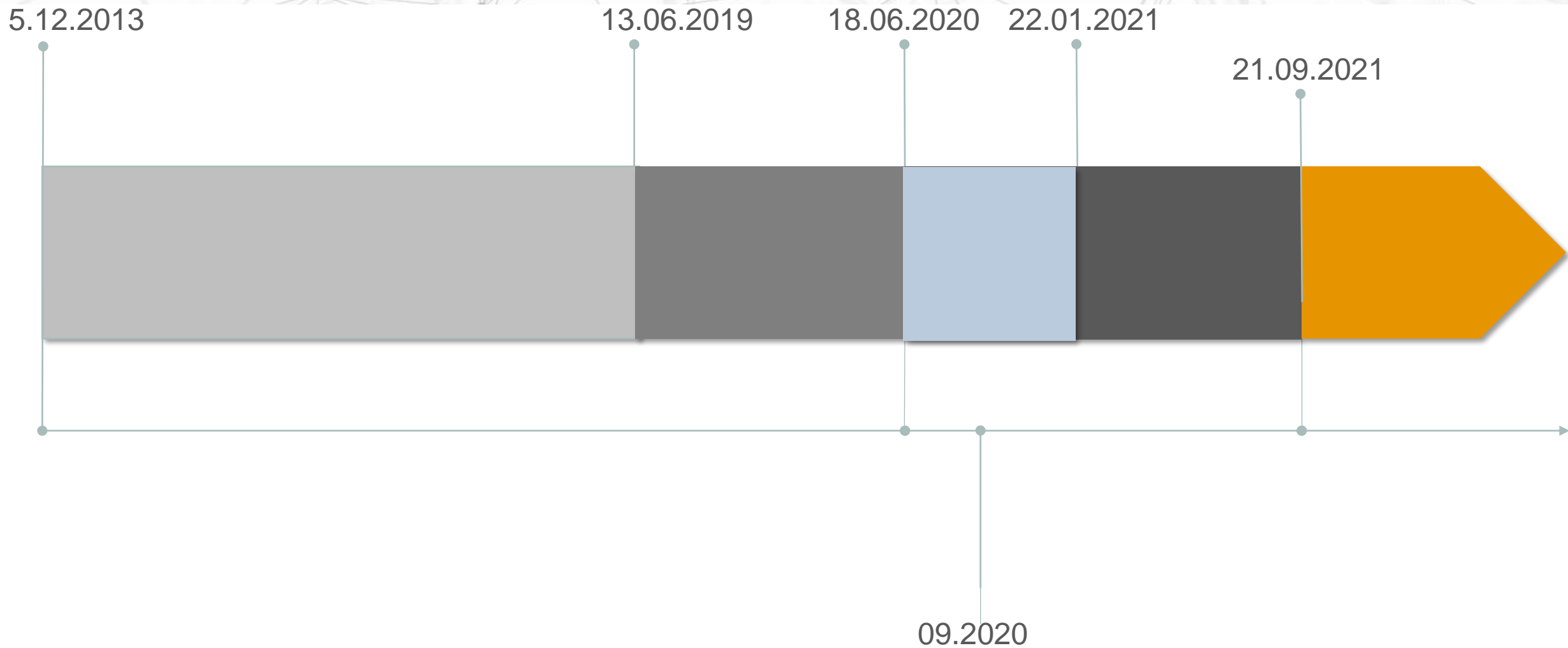


Implementation of the national radon plan in Poland

- the first year of experiences and challenges

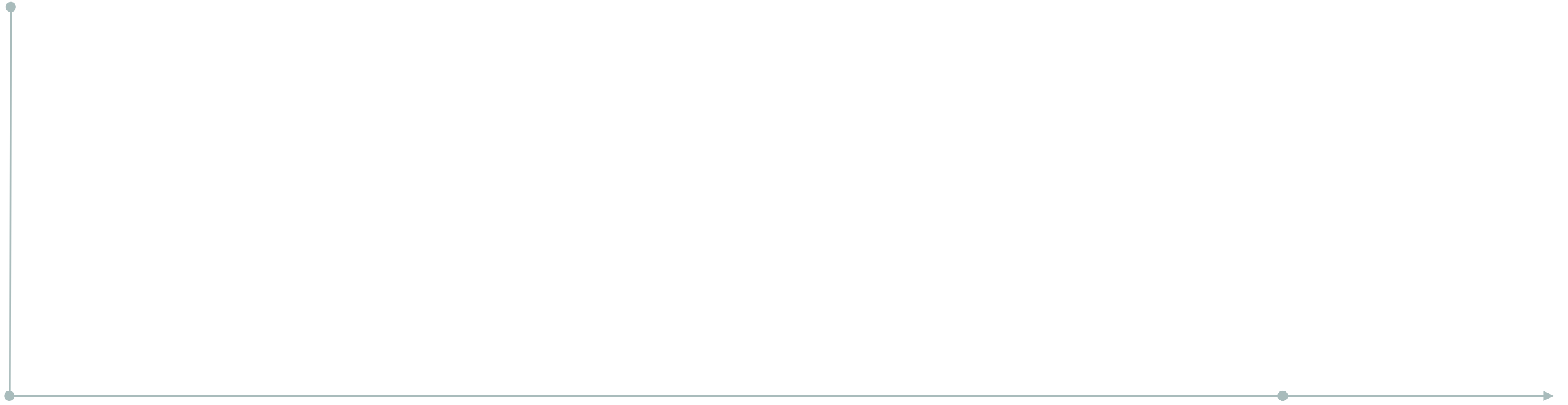
Zuzanna Podgórska

The Polish radon timeline

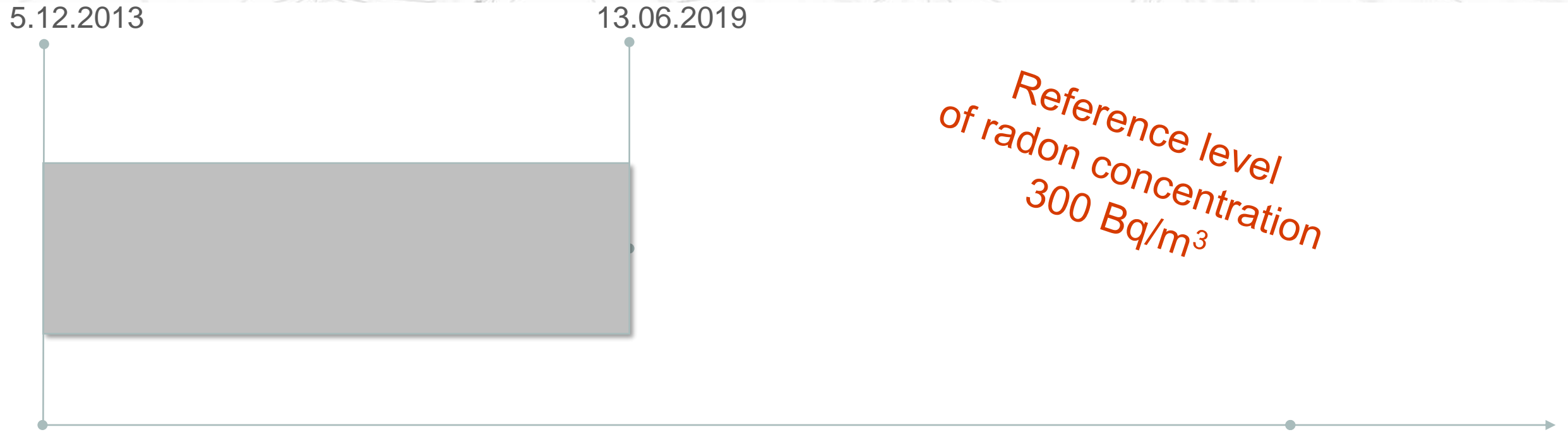


The Polish radon timeline

5.12.2013

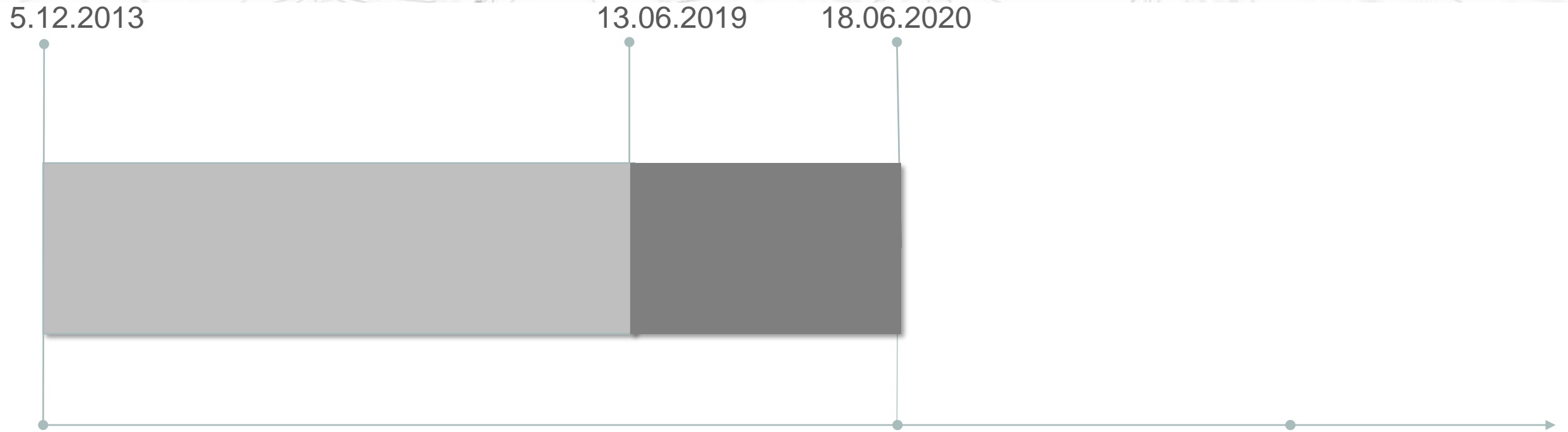


The Polish radon timeline



- 13.06.2019 Act amending the Polish Atomic Law

The Polish radon timeline



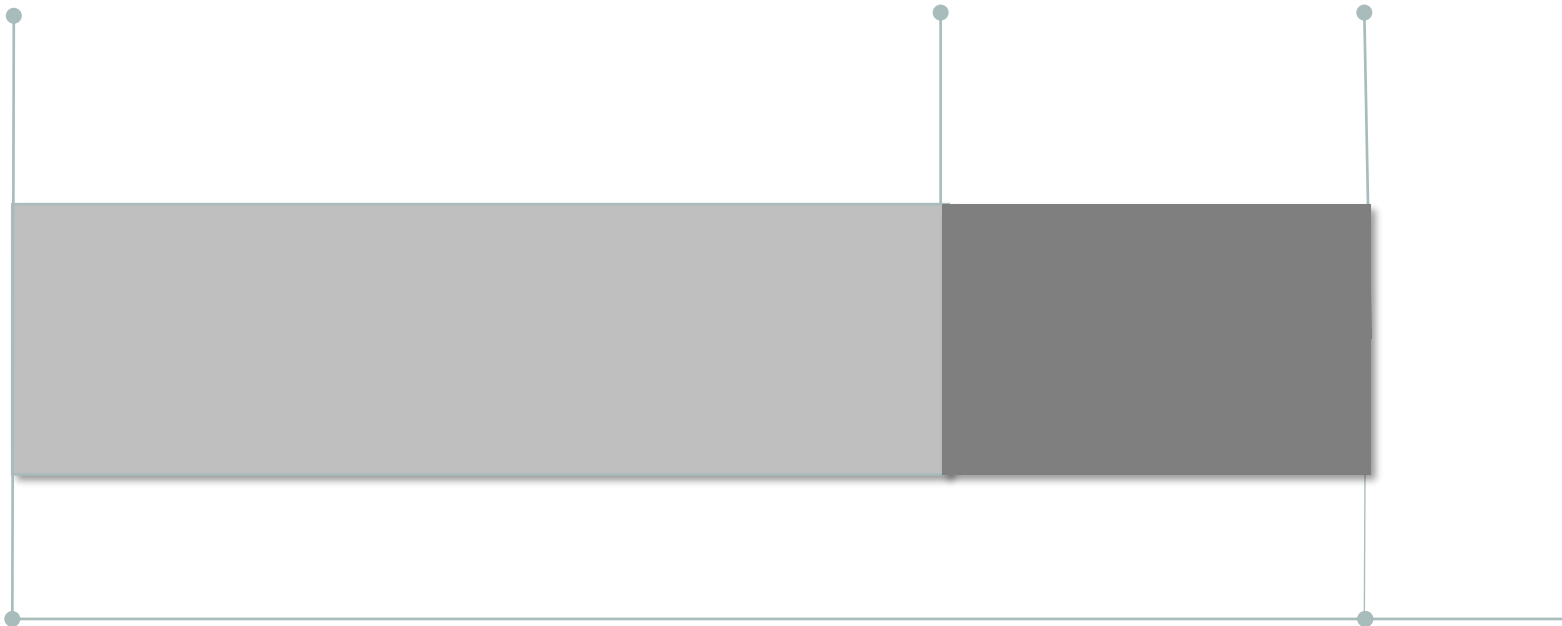
- 18.06.2020 Regulation of the Minister of Health on areas where the average annual concentration of indoor radon in a significant number of buildings may exceed the reference level

The Polish radon timeline

5.12.2013

13.06.2019

18.06.2020



TERENY, NA KTÓRYCH ŚREDNIOROCZNE STĘŻENIE PROMIENIOTWÓRCZE RADONU W POWIETRZU WEWNĄTRZ POMIESZCZEN W ZNA CZNEJ LICZBIE BUDYNKÓW MOŻE PRZEKRACZAĆ POZIOM ODNIESIENIA, O KTÓRYM MOWA W ART. 23B USTAWY Z DNIA 29 LISTOPADA 2000 R. – PRAWO ATOMOWE

1. W województwie dolnośląskim:

- 1) powiat dzierzoniowski;
- 2) powiat jeleniogórski;
- 3) miasto na prawach powiatu Jelenia Góra;
- 4) powiat kamiennogórski;
- 5) powiat kłodzki;
- 6) powiat lubański;
- 7) powiat lwówecki;
- 8) powiat polkowicki;
- 9) powiat trzebnicki;
- 10) powiat wałbrzyski;
- 11) miasto na prawach powiatu Wałbrzych;
- 12) powiat ząbkowicki;
- 13) powiat zgorzelecki;
- 14) powiat zlotoryjski.

2. W województwie lubelskim – powiat tomaszowski.

3. W województwie opolskim:

- 1) powiat nyski;
 - 2) powiat prudnicki.
4. W województwie podkarpackim:
- 1) powiat bieszczadzki;
 - 2) powiat jasielski;
 - 3) powiat krośnieński;
 - 4) powiat leski;
 - 5) powiat mielecki;
 - 6) powiat sanocki.

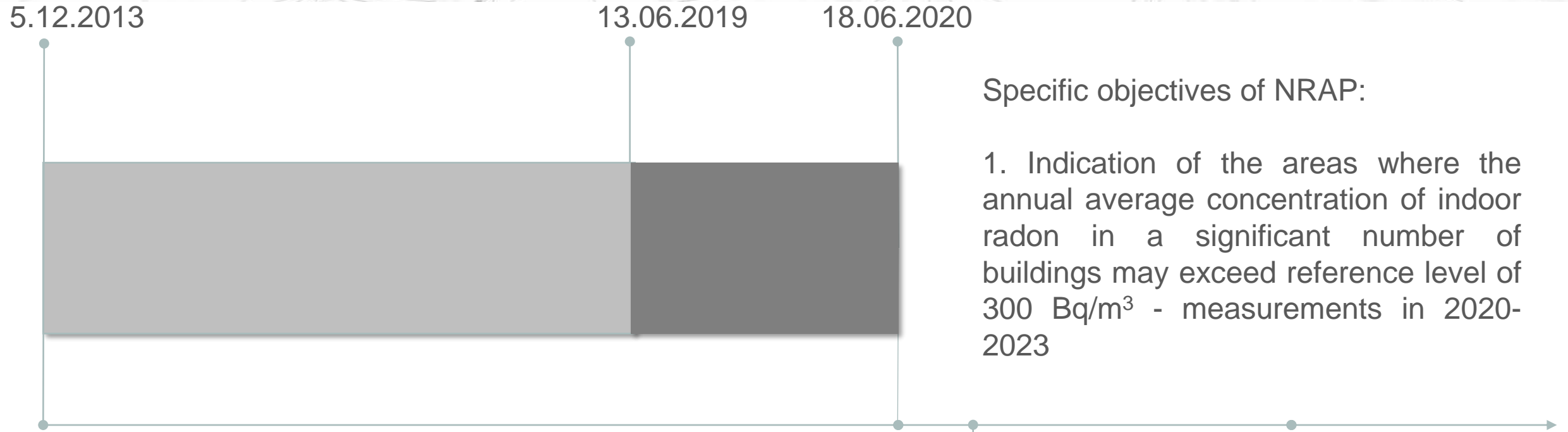
5. W województwie śląskim – powiat cieszyński.

6. W województwie świętokrzyskim:

- 1) powiat kielecki;
- 2) powiat opatowski;
- 3) powiat skarżyski.

27 poviats and cities with
poviat status from
6 voivodeships

The Polish radon timeline



- 
- A decorative background at the top of the slide featuring a network diagram with various nodes and connecting lines.
- Specific objectives of NRAP:

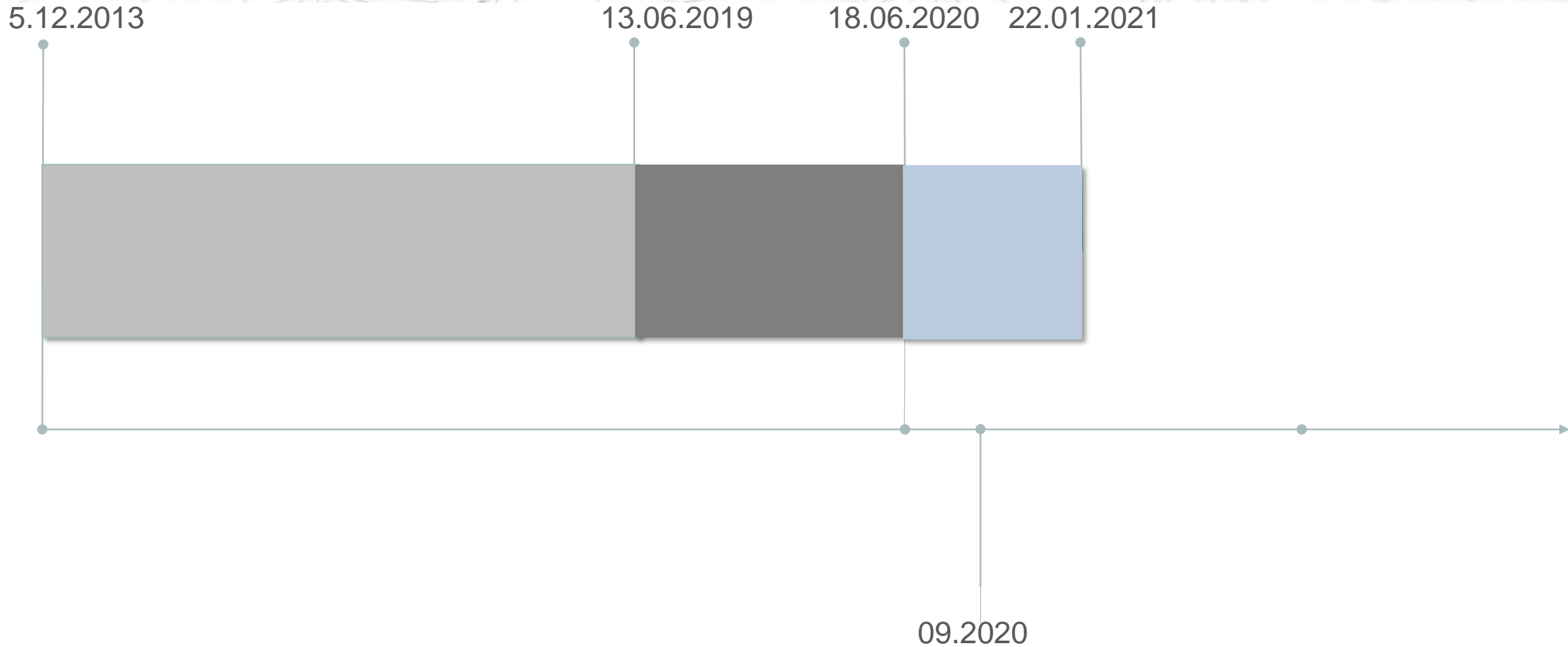
Indication of the areas where the annual average concentration of indoor radon in a significant number of buildings may exceed reference level of 300 Bq/m³ - measurements in 2020-2023

1. The Ministry of Health and the Main Sanitary Inspectorate
2. > 32.000 single one-month measurements 2020-2023
3. Mainly inside public buildings
4. Start from the RPAs defined in the Regulation of the Minister of Health on areas where the average annual concentration of indoor radon in a significant number of buildings may exceed the reference level



- **Challenges:**
 - The heating/ measurement season in Poland -> October-March
 - Started during the second Polish covid lockdown

The Polish radon timeline



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Radon Action Plan

MAIN GOAL

Reducing the risk of negative impact of radon on human health.

The main goal is achieved through the implementation of **specific goals**.

A decorative background at the top of the page featuring a network diagram with grey nodes and connecting lines.

Radon Action Plan

MAIN GOAL

Reducing the risk of negative impact of radon on human health.

The main goal is achieved through the implementation of **specific goals**.

- Protect workers from the risk related to workers' exposure to radon.

A decorative background at the top of the page featuring a network diagram with grey nodes and connecting lines.

Radon Action Plan

MAIN GOAL

Reducing the risk of negative impact of radon on human health.

The main goal is achieved through the implementation of **specific goals**.

- Reducing the risk of lung cancer among smokers due to their exposure to radon

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Radon Action Plan

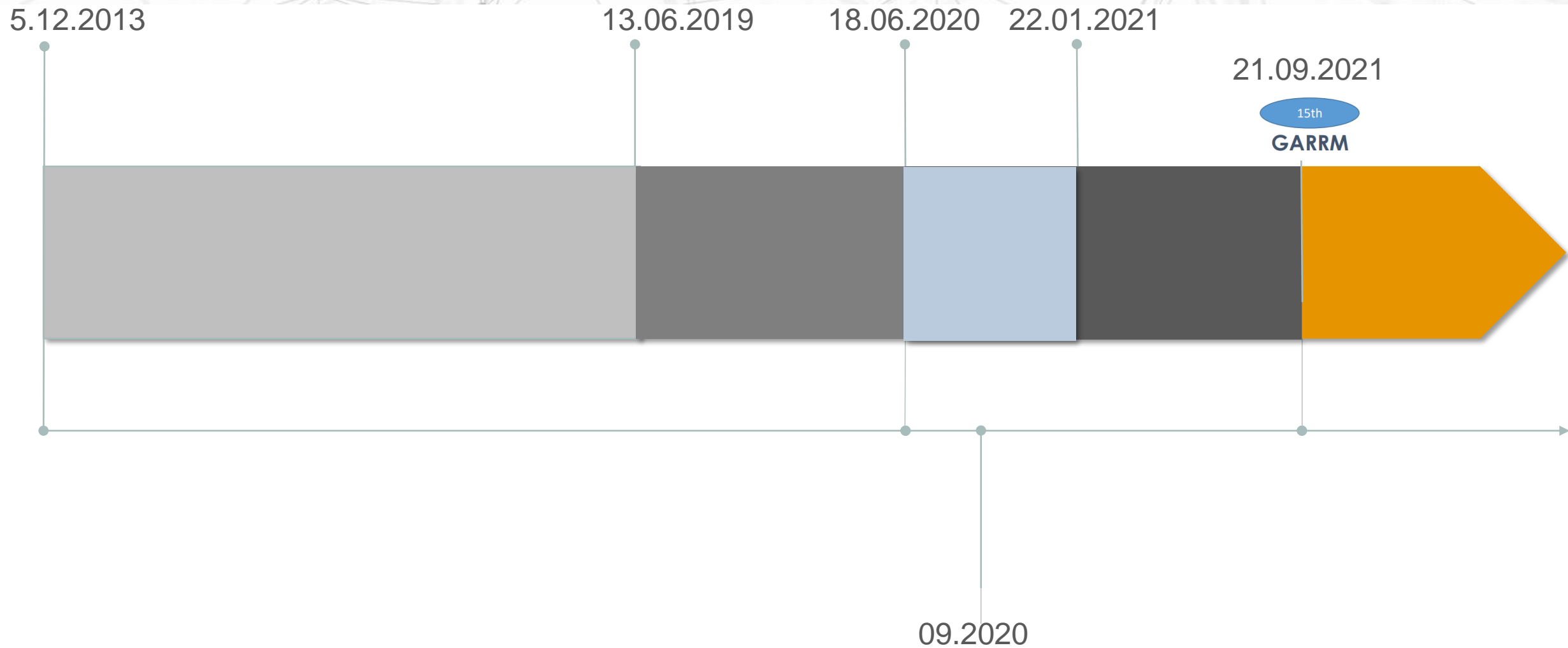
MAIN GOAL

Reducing the risk of negative impact of radon on human health.

The main goal is achieved through the implementation of **specific goals**.

- Promote actions to reduce the risk of health effects related to human exposure to radon (National Institute of Public Health)

The Polish radon timeline



The (proper) science communication

*How to find reliable
information about
radon?*

*How to communicate
the risk?*

*How to talk about
radon?*

*How to convince people that
this is important issue?*

The (proper) science communication

The bottom-up initiatives

Non-governmental organisations

Expert's lectures eg. „Academy of Nuclear.pl”

Educational projects eg. „Polish Radon School map”

Social media

How to find reliable information about radon?

How to communicate the risk?

How to talk about radon?

How to convince people that this is important issue?

Szkolna Radonowa Mapa Polski

- projekt edukacyjny dla szkół średnich

[Dowiedz się więcej](#)



The (proper) science communication

**RADON
I JEGO ŹRÓDŁA**
PRZEWODNIK
MŁODEGO ODKRYWCY

Radon and it's sources. The guide for young explorers 😊



The (proper) science communication



Radon treatments – inhalations and baths

*„I cannot see that.
If that really
existed...?”*

*„Radon is nothing new,
it cannot be dangerous!”*



radonova
The global leader in radon measurement

Thank you for your attention

Zuzanna Podgórska

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