

DiverCITY⁴

ŚRODOWISKO /
ENVIRONMENT

POLITYKA
SENIORALNA /
SENIOR POLICY

DOSTĘPNOŚĆ /
ACCESSIBILITY

MIESZKALNICTWO /
HOUSING

DiverCITY4 Initiative

2nd series of workshops 3rd - 4th March 2020

Language of workshops: English – without translation

1

I. Title of the thematic area:

ENVIRONMENT

II. Thematic Leader:

Ms. Marta Laska, PhD

assistant professor

Faculty of Environmental Engineering

Wrocław University of Science and Technology, PL

tel.: +48 (71) 320 31 09

e-mail: marta.laska@pwr.edu.pl

III. Participants

1. Expert 1 – Ms. Svava Svanborg Steinarsdóttir (IS)

Public Health Officer

Reykjavík Public Health Authority

tel. +354 6939673.

2. Expert 2 - Ms. Britt Ann K. Høiskar (NO)

Research Director

Urban Environment and Industry Department

Norwegian Institute for Air Research

Tel. +47 63 89 80 33

3. Expert 3 – Ms. Magdalena Baborska-Narożny, PhD Eng. Arch (PL)

Assistant Professor

Department of Residential, Industrial, Interior, Rural and Landscape Architecture and Visual Arts

Wrocław University of Science and Technology

tel. + 48 71 320 64 48

magdalena.baborska-narozny@pwr.edu.pl

4. Expert 4 – Ms. Natalia Fidorów-Kaprawy, PhD Eng.(PL)

Assistant Professor

Faculty of Environmental Engineering

Wrocław University of Science and Technology

tel. +48 71 320 31 09

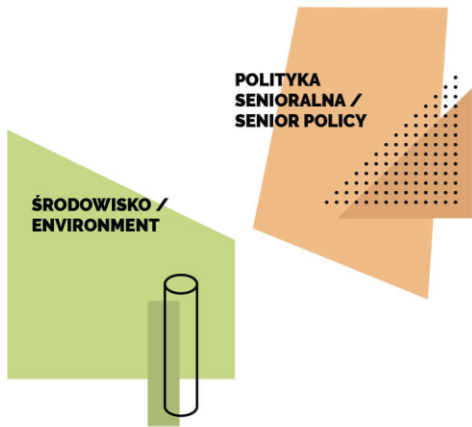
natalia.fidorow@pwr.edu.pl

5. The Observer – Mr. Piotr Olkiewicz (PL)

Representative of City Advisors for 54 Cities applying to II phase of competition in Local Development Programme, Association of Polish Cities (APC).

tel: +48 692 431 239

piotr.olkiewicz@zmp.poznan.pl



DiverCITY⁴



6. The Observer - Ms. Joanna Held (PL)

Counsellor to the Minister
 Unit for Municipalities Support
 Department of Assistance Programmes
 Ministry of Funds and Regional Policy
 tel. +48 22 273 75 80
Joanna.Held@mfi.pr.gov.pl

7. The Observer - Ms. Mariola Apanel (PL)

Project Coordinator
 Municipality of Wrocław
 Foreign Relations Office
 tel. +48 71 777 74 24
mariola.apanel@um.wroc.pl

6. Additional attendees:

MSc and PhD students (PL): Ms. Paulina Grelich, Eng. and Ms. Małgorzata Małyszko, MSc.
 Faculty of Environmental Engineering, Wrocław University of Science and Technology.

First day of the workshop | 9.00 - 17.00

GREETING – speech #1

Speaker: Ms Mariola Apanel (PL): 30 min. Coordinator of Foreign Relations Office Municipality of Wrocław.

Participants: meeting of all workshop participants from Poland, Norway and Iceland. 4 Workshop themes groups: environment, senior policy, housing, accessibility

GREETING – speech #2

Speaker: Ms Joanna Held (PL): 30 min. Unit for Municipalities Support Department of Assistance Programmes Ministry of Funds and Regional Policy.

Participants: meeting of all workshop participants from Poland, Norway and Iceland. 4 Workshop themes groups: environment, senior policy, housing, accessibility

THE TEAM WORK: ENVIRONMENT

INTRODUCTION: Where we are regarding to stages of the initiative? The overall topics of the Workshop #2 :



CONFERENCE

1. Describing the challenges in the area of reducing air pollution in cities taking into account the social, financial and national aspects.
2. Describing experience in the implementation of selected urban programs, projects and local initiatives on improving air quality in cities.
3. Defining the directions in which the city's policy of supporting thermo-modernization programs and exchanging heat sources for residents (not only municipal resources),





making the city better, and as a result improving the quality of life of residents.

4. A common vision of a city free of smog, and friendly to the environment and residents from different social groups – a proposal of toolbox that contains the collection of solutions (long-, medium and short time) to be used when problem appears.
5. Preparation of the draft of the final conference presentation and the proposal of the conference speech structure (who is presenting, discussion with auditorium, case studies, etc.) – session in total will last app. 60 minutes.

The first day was focused mainly on the presenting and discussing the predefined subjects. During the first day the new expert from Norway was introduced and the issues that Norway is facing to in terms of AQ and sources of the air pollution.

The second day was devoted to working out the path how the different cities can identify the problem, define the goals and create the assessment tools that are essential to create the appropriate solutions to minimize the local air pollution and thus minimize its social, financial and health costs.

1st DAY: presentations and discussions

The continuation the discussion and narrowing the following topics from Workshops #1:

- the status quo of air quality challenge in Island and Poland;
- the kinds of issues that need to be tackled in terms of AQ;
- how the local authorities and local regulations can support the householders in lowering air pollution;
- policy toolbox developed in Reykjavik to target air pollution;
- exchanging the knowledge on local policies toward supporting the householders in thermomodernization of existing buildings and exchanging of inefficient heat sources;
- air quality monitoring;
- lowering emission from traffic and encouraging citizens to use bikes and public transportation.

Additional topics discussed during the Workshops #2 apart aforementioned:

- main problems of Norway regarding AQ and sources of the air pollution and their comparison with those occurring in Island and Poland;
- Norwegian local and national policies supporting lowering air pollution;
- Norwegian way of the air quality monitoring;
- lowering emission from traffic and public transportation;

Presentations:

5. Marta Laska, PhD Eng.: Introduction. Initial assumptions and outcomes form the first workshops. Next steps and plan for workshops#2
6. Natalia Fidorów-Kaprawy, PhD Eng.: Strategies for reducing energy consumption in existing buildings
7. Magdalena Baborska – Narożny, PhD Eng. Arch.: Planning revitalization activities taking into account the needs of building users. Short, medium and long term actions.
8. Dr. Britt Ann K. Høiskar: Air Quality in Norway.
9. Ms. Svava Svanborg Steinarsdóttir – Air Pollution. Social and economic costs. Action Plan and Action Teams

Conceptual work and discussion:

DiverCITY⁴

ŚRODOWISKO /
ENVIRONMENT

POLITYKA
SENIORALNA /
SENIOR POLICY

DOSTĘPNOŚĆ /
ACCESSIBILITY

MIESZKALNICTWO /
HOUSING

- the ideas which we will present at the conference,
- there is no single universal technical solution how to create smog-free city, however there is set of actions that need to be followed to achieve better AQ,
- every city should recognize its own problem – the source and kind of the pollution and fight with it locally,
- Poland - main issue: lowering household emission from solid fuels in existing buildings,
- an additional issue - emission from transportation – also important point for other cities in Poland (the ways of dealing with this issue can be described on the example of Norway, Island and Wrocław – Poland),
- health and economic costs of the air pollution.

4

2nd DAY: conceptual work

Summary:

The 2nd day was fully conceptual. The main path how to create free-smog city was defined.

It was agreed that:

- it is important to understand that the decisions and restrictions leading to maintaining a good air quality may not be popular among the society and the change needs time (these decisions should be above political divisions and the policy continuity should be maintained);
- an action plan is necessary. It should be well thought out, realistic and focused on the local air quality and sources of the pollution; if there is one, it has to be revised, if not – it has to be created;
- the evaluation method of the plan and measures to implement the solutions are necessary;
- short-, medium-, and long term actions for improved air quality are necessary;
- the funds and subsidies for the citizens are crucial, and there is a need to create the public entity governing them;
- the crucial is definition of the money flow – payed in advance (for people who cannot afford the change) or as a refund?
- top-down actions are necessary;
- tax exemptions may have a positive effect;
- pollution monitoring is essential;
- defining the local pollution (main component) and its source are crucial stages and should be the background of further actions;
- cities should follow the rule: *My emission – my responsibility and actions* (I am responsible for my local environment);
- the health and economic issues are extremely important and cannot be omitted;
- the air pollution issues are strongly connected with the other workshop areas: housing, accessibility and senior policy;
- there is no space to describe all problems to help Polish cities, therefore the team will focus on the one chosen issue – the household emission;
- for transportation - good practices will be presented on chosen examples from Norway and Island.

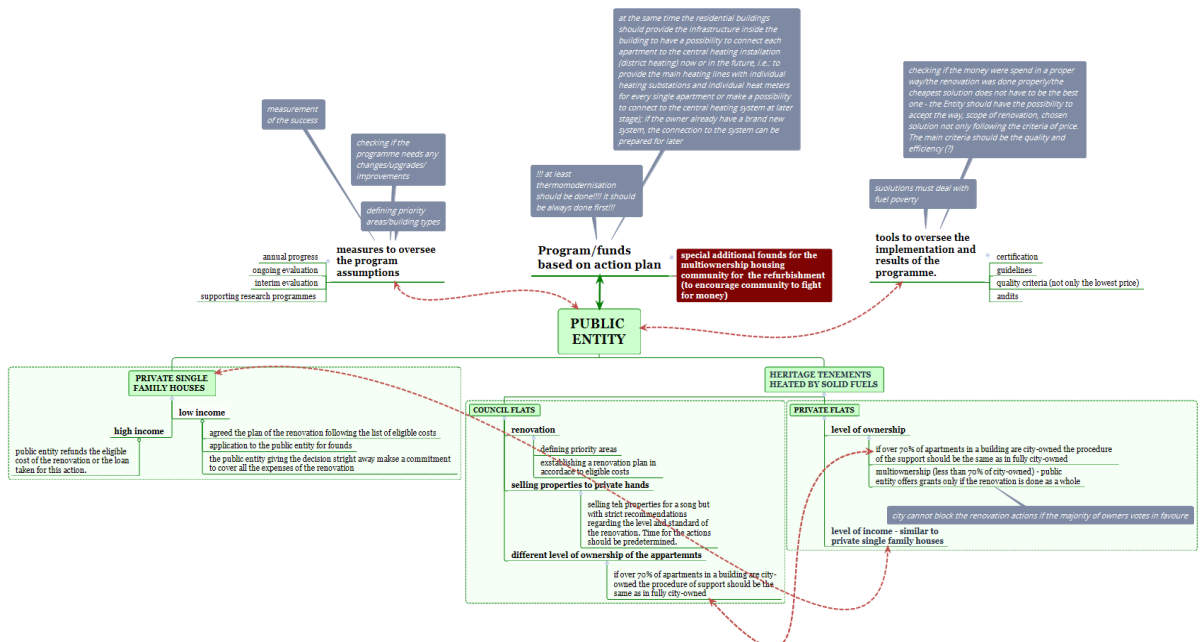
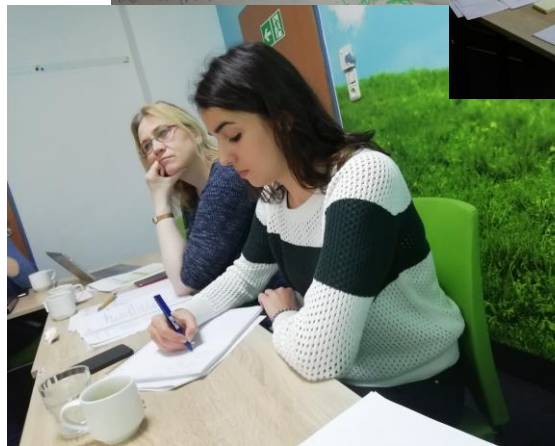
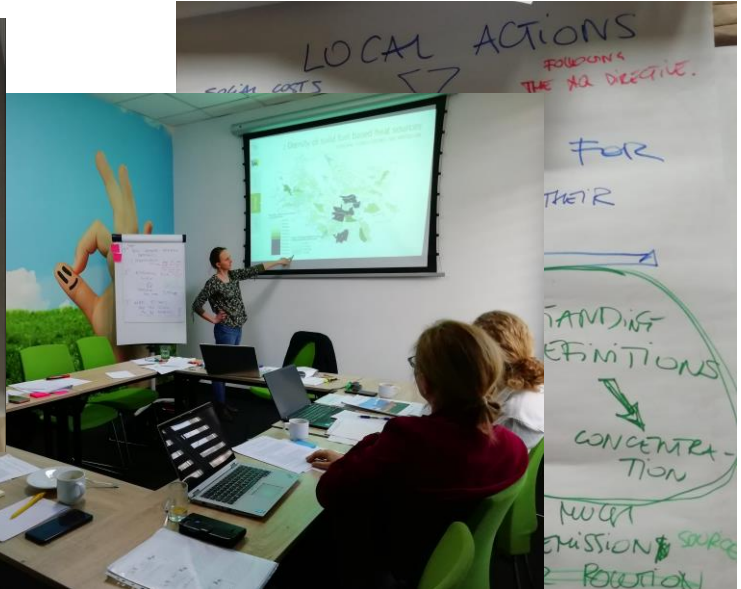
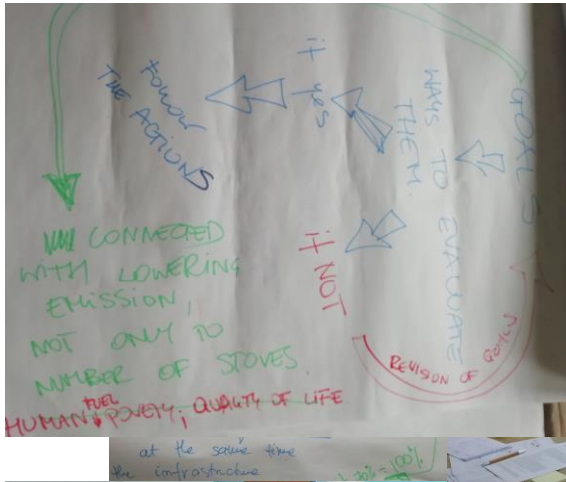


Fig. 1. Draft structure of the public financial support for buildings thermomodernization based on the action plan.

Final activity – the discussion on the structure of the conference presentation.



Thank you