

# POLISH

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# CHALLENGE

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# FUND

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Webinar for Applicants



# Polish Challenge Fund

## How to succeed with your application?



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Ministry  
of Foreign Affairs  
Republic of Poland



Polish aid



# THE BEST PRACTICES FOR ZOOM WEBINARS

## MICROPHONES

Participants are muted to avoid background noise.

## CAMERAS

The cameras are turned on.

## STEP-BY-STEP

Presentation first; Q&A session will follow.

## QUESTIONS

Please use the chatbox to type your questions or raise hand and ask us directly!

# Webinar for Applicants

## TODAY'S AGENDA

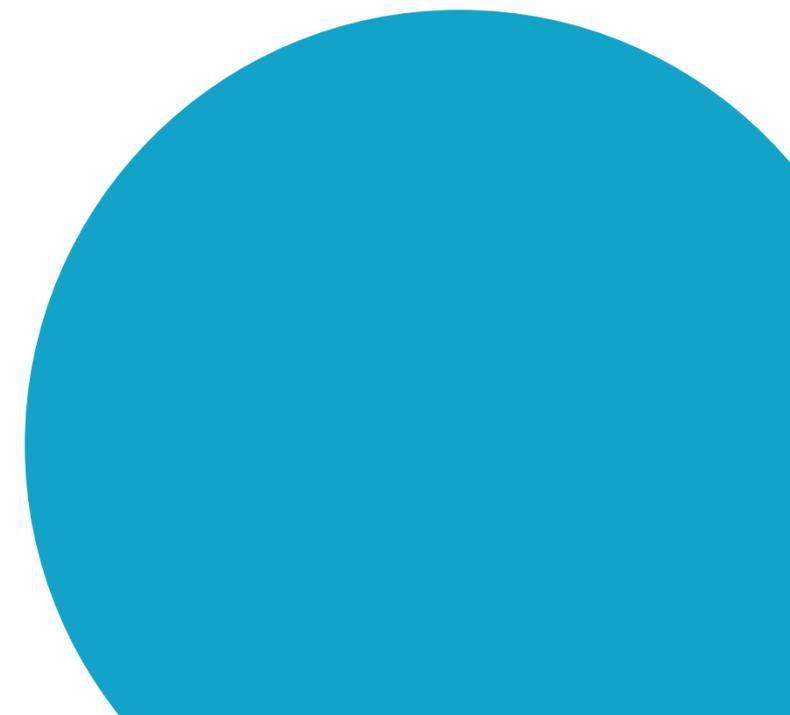
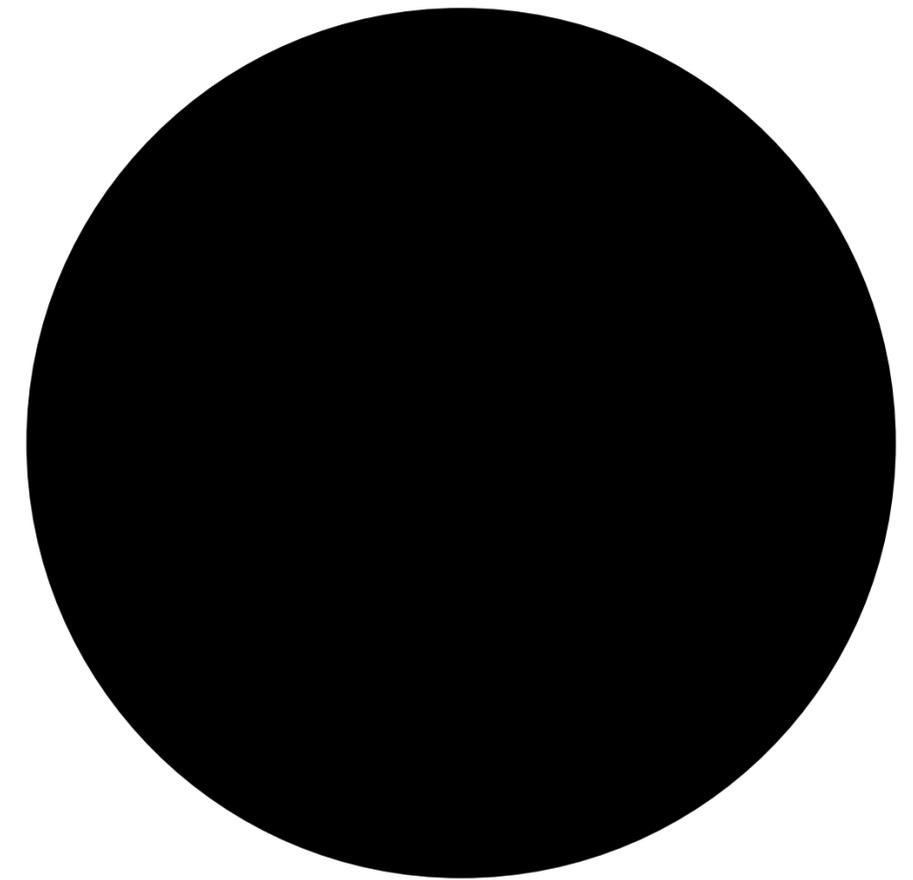
Context and Timeline

Application Form

Budget Breakdown

Frequently Asked Questions

Q&A session



# Context and Timeline

**JULY 27, 2022**

On-line workshop for applicants.

**SEPTEMBER 15, 2022**

Deadline for applications.

**Mid of OCTOBER, 2022**

Evaluation of applications and announcement of results.

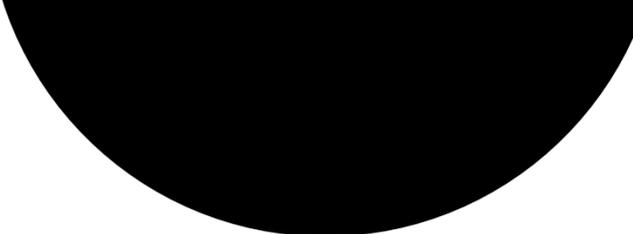
**End of OCTOBER, 2022**

Contract/implementation start date.

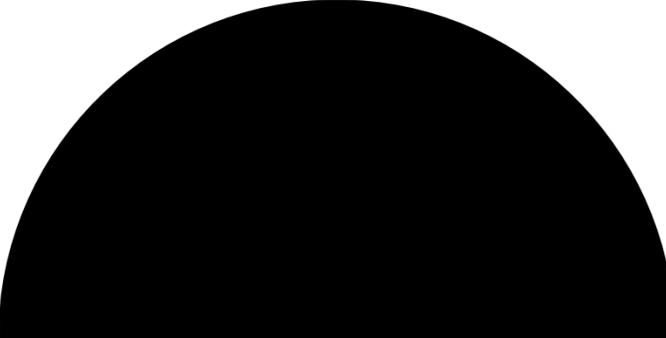
**8 MONTHS**

**(NO LATER THAN JULY 31, 2023)**

Project implementation.



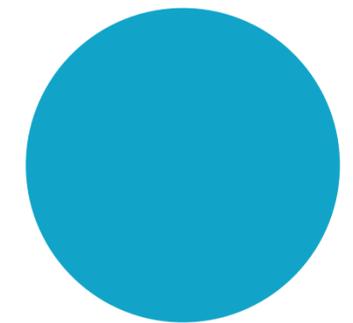
# **COVID-19 and its impact**



# What is the purpose?

The purpose of the Polish Challenge Fund is to identify promising innovations to **transfer of the Polish know-how to have a positive impact** at scale and address development challenges and immediate needs in **the Republic of Moldova (as the negative impact of the conflict in Ukraine)**.

- Identify solutions that generate improvement and value, especially by introducing new methods, ideas, or products.
- Support solutions that assure viability in local conditions, long-term sustainability and potential for scale-up and replication.
- Promote solutions to share knowledge and tackle development challenges in other countries.

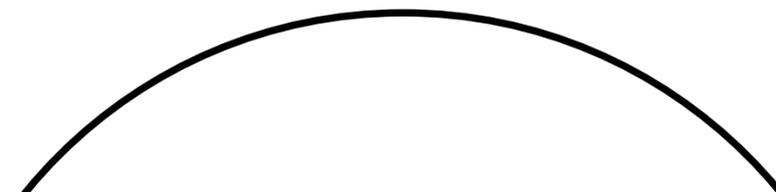
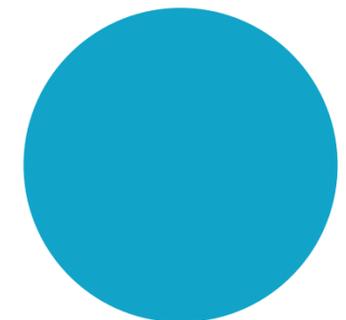


# Who can participate?

The eligible Applicants include **private sector entities, research institutes and universities registered in the Republic of Poland.**

The Applicants are required to engage **local partners from Republic of Moldova** to assure viability in local conditions.

Partnership needs to be documented by **Letter of Intent or Contract.**



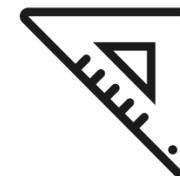
# What kind of innovations?

Innovations come in many forms. We **welcome different types of innovations** including products, services, programming approaches, operational changes, finance and market innovations or technology driven innovations, among others. Both programmatic and operational ideas are welcome.



## Proof of Concept

To test the proposed solutions and/or to be able to tailor-make them. When the intellectual concept behind an innovation is field-tested to gain an early, 'real-world' assessment of its potential.



## Transition to Scale

When innovations that have demonstrated small-scale success develop their model and attract partners to help fill gaps in their capacity to scale.

# 01

## **Green Technologies & Affordable Energy Sources**

Introducing and/or improving the current state of green technologies and other smart solutions in the energy sector, which have a positive and immediate impact on local communities and industries, in the field of energy efficiency, ensuring the energy affordability, and mitigating the impacts of energy poverty for local communities in the Republic of Moldova and refugees from Ukraine.

# 02

## **Digital Innovations & New Solutions for ICT Sector**

Introducing and/or developing digital public services and digital public goods, including the use of open-source tools and technologies to improve and support the public service delivery, increasing people's engagement, enhancing transparency, accountability, and inclusion and, ultimately making life better for local communities in the Republic of Moldova and refugees from Ukraine.

# 03

## Markets, Employment, and Other Support

Encouragement of economic growth and mitigation of negative impacts of economic decline in the sectors of agriculture, market, employment, and other.

- Use of modern technologies and/or introduction of innovations in agriculture and food productions, e.g. innovative cultivation technologies and process management tools for introducing plants to cultivation according to new cultivation technology, etc.
- Development of knowledge and technologies that will make modern agriculture and farming more sustainable, resilient, and productive, e.g. opening of new markets and value-chains, introduction of new fertilizers and feeding systems, etc.

# What are the SDGs?

Sustainable Development Goals (SDGs) provide a powerful aspiration for improving our world – laying out **where we collectively need to go** and how to get there.

Select the SDGs and targets which best align to your idea, assets and priorities.

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When aligning to the Sustainable Development Goals, make sure to understand their underlying targets. To learn more about the SDGs, you can visit the website:

**17 Sustainable Development Goals (SDGs).**

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## Goal 6

Ensure availability and sustainable management of water and sanitation for all



## Goal 7

Ensure access to affordable, reliable, sustainable and modern energy for all



## Goal 8

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



## Goal 11

Make cities and human settlements inclusive, safe, resilient and sustainable.



## Goal 13

Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy



## Goal 15

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

# What are the evaluation criteria?

## > Degree of Innovation 10%

Demonstrated by SDGs relevance and originality – i.e. new product or approach, new to local market/sector, disruptive and transferable.

## > Impact and Project Quality 20%

Demonstrated by properly set-up metrics for measurement of *development impact* (incl. sector benefits, impact on beneficiaries), and *project quality* (incl. knowledge of local conditions and assessments preceding formulation of the project).

## > Experience of Team 10%

Demonstrated by practical examples/references proving relevant expertise, relevant educational and professional experience and suitable knowledge of English and local language/s

## > Potential for Scale-up 10%

Demonstrated in scalability (incl. building on existing technology or approach, adaptable at minimum cost, addressing bigger need in market) and replicability (incl. easy to duplicate, adaptable to different regions and countries, usable in other sectors).

## > Long-term Sustainability 10%

Demonstrated in financial, social and environment sustainability, which fits the market and is valid for the long-term.

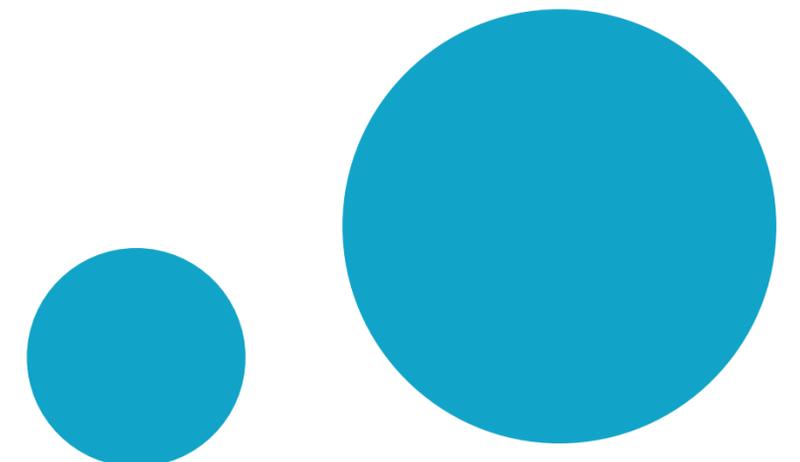
## > Scope of Bid Price 30%

Reflected in balance between the overhead costs (incl. management costs, rent, production), production costs (incl. raw materials, equipment, licensing and taxes) and delivery costs (incl. installation and trainings, travel, communication and VAT).

## > Availability of Co-funding 10%

0 % for the required minimum of 20% of total project costs, then 0.5% for every additional 1% co-funding of the total projects costs, up to a maximum 10% = 40% co-funding of total project costs.

Ideas and innovations will be evaluated against all of the criteria. Please include as much information about these criteria as possible.

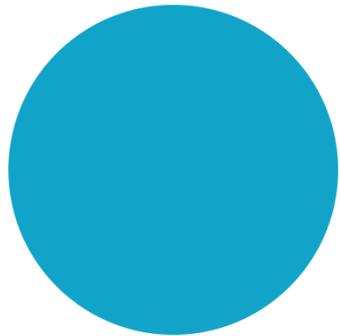


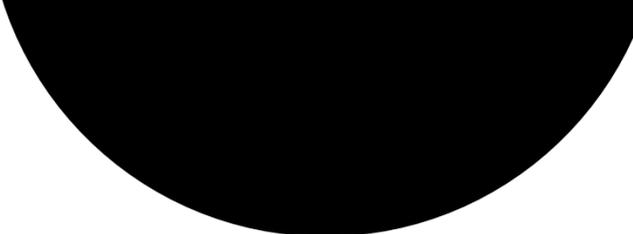
Receive price funding ranging **between US\$20,000 and US\$40,000** for the period of 7-12 months.

Possibility to access the UNDP global presence (+170 countries) and networks to help support the selected solutions to **scale-up and replicate** to new countries.

Possibility to get **reference letters** for other public procurement and tender (after successful project execution and completion).

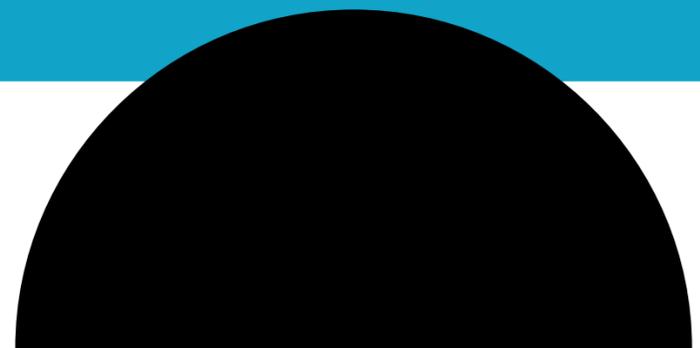
# What does the winner get?





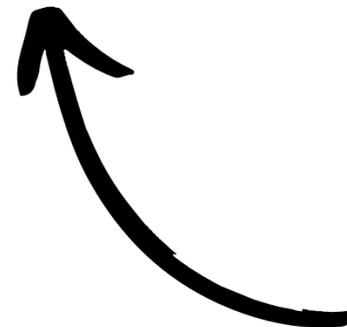
# **POLISH CHALLENGE FUND**

## **Selected successful Awardees and Projects**



# EXCHANGE OF AIR POLLUTION MONITORING AND FORECAST SOLUTIONS USING MACHINE LEARNING TECHNOLOGIES AND ANALYTICS

(GRODNO, BREST, MINSK, VITEBSK, MOGILEV, GOMEL)

 **AIRLY  
IN BELARUS**



Solution allows the measurement, interpolation and forecasting of air quality, point out air pollution sources in real time and to deliver clear and easily understandable information about environmental impacts on health and disease risks.

Scale-up and replication: North Macedonia and South Africa and beyond

Awards: 30 under 30 by Forbes, TOP 25 Start-ups in Poland (by My Company Polska magazine), BIZ Sustainability Awards

# INNOVATIVE GREEN TECHNOLOGY FOR WASTEWATER TREATMENT

(LYNTUPY (POSTAVA AREA), RADZIVILKI (GRODNO AREA), KAZLOVITCHY AND SYNKOVITCHY (ZELVA AREA))

**EKOPROM  
IN BELARUS**

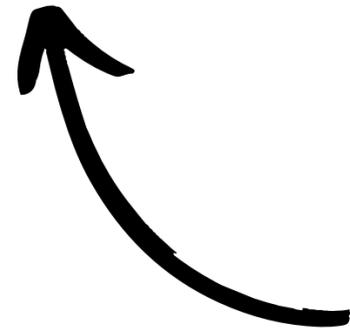


Transfer of innovative technology of a comprehensive wastewater treatment, which helped eliminating odour and allowed full sewage utilization, to the Belorussian partner Beltiehagroplast, to start serial production of new treatment plants in Belarus.

Scale-up and replication: The company is planning export of bio-treatment plants from Belarus to other countries of the Eastern Europe, Central Asia and the Caucasus

# PEROVSKITE SOLAR MODULE ENABLED IOT ASSET TRACKING FOR WILDLIFE CONSERVATION

(SKOLE BESKIDS NATIONAL PARK)



## SAULE TECHNOLOGIES IN UKRAINE



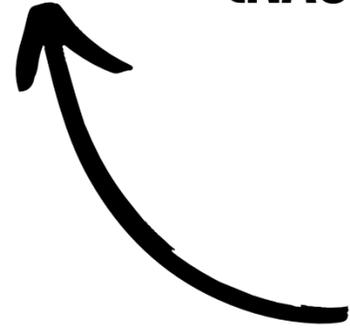
The use of animal-tracking system based on perovskite solar modules to track movement of the European bison population in Ukraine with the local partner: World Wide Fund for Nature (WWF) Ukraine

The project aimed to develop an effective solar-powered system for animal tracking that can support successful movement monitoring of the bisons by providing life time data about their behavior in their natural environment.

# A SMART AND COVID-19 SAFE WASTE MANAGEMENT SYSTEM

(NAU HUB IN KYIV)

## BIN-E IN UKRAINE

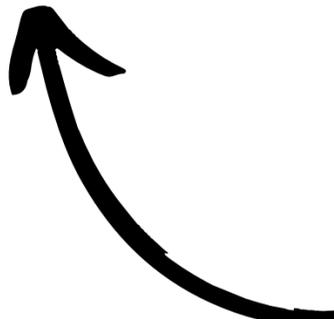


Smart and COVID-19 safe waste disposal and management system in enclosed public spaces.

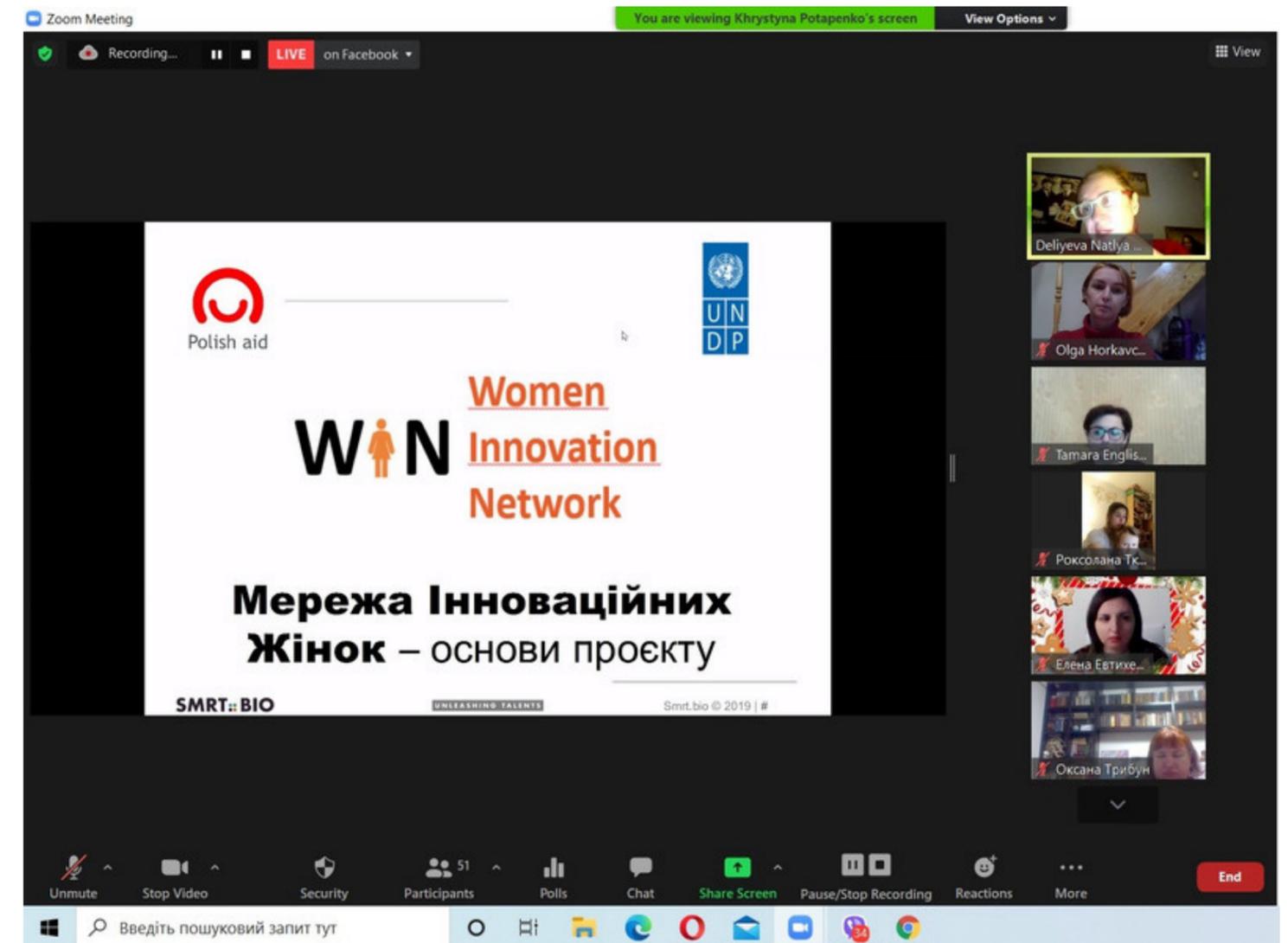
Installation of a pilot smart waste bin which automatically sorted and compressed rubbish after identifying and categorizing it (waste radiation with UVC lamps, silver ion technology and automatic sorting of paramedical waste).

Increased safety against the spread of COVID-19 infections in public places.

## WIN - WOMEN INNOVATION NETWORK



# SMRT.BIO CENTRAL EUROPE IN UKRAINE



Solution aiming at boosting the market and fostering women's entrepreneurship, with the aim to improve digital skills of women.

Practice-oriented ICT based pilot system supporting entrepreneurial women by automatically matching identified skills with need competencies related to remote and distance jobs or business creation during COVID-19 pandemic.

5 enterprises and 108 entrepreneurial-minded women.

Scale-up and replication: direct continuity in monthly seminars; replication in Ukraine, other Eastern European countries and Georgia.

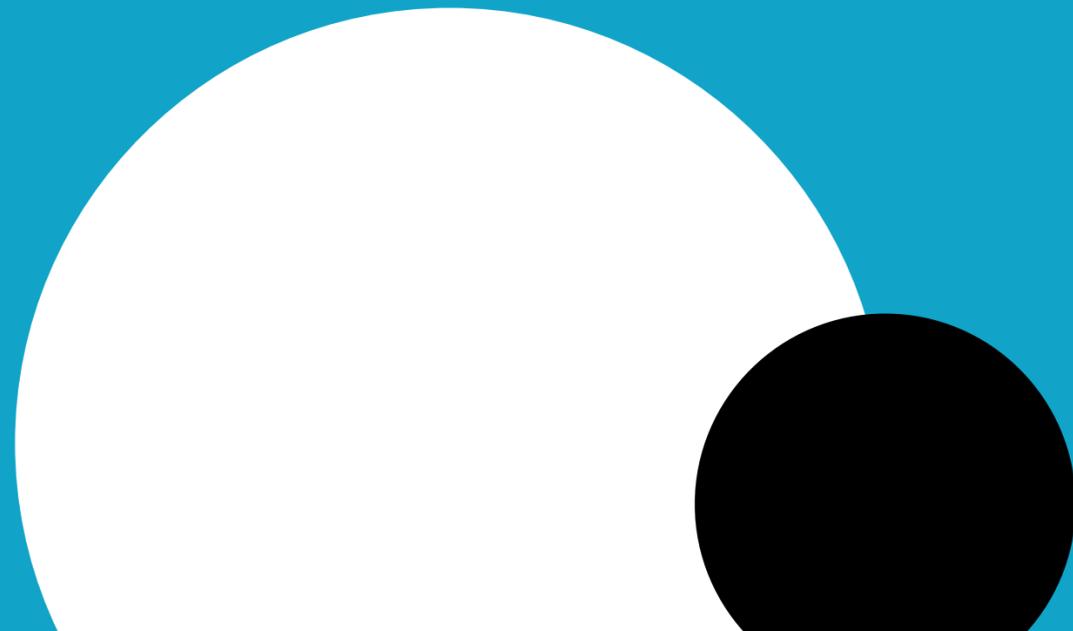
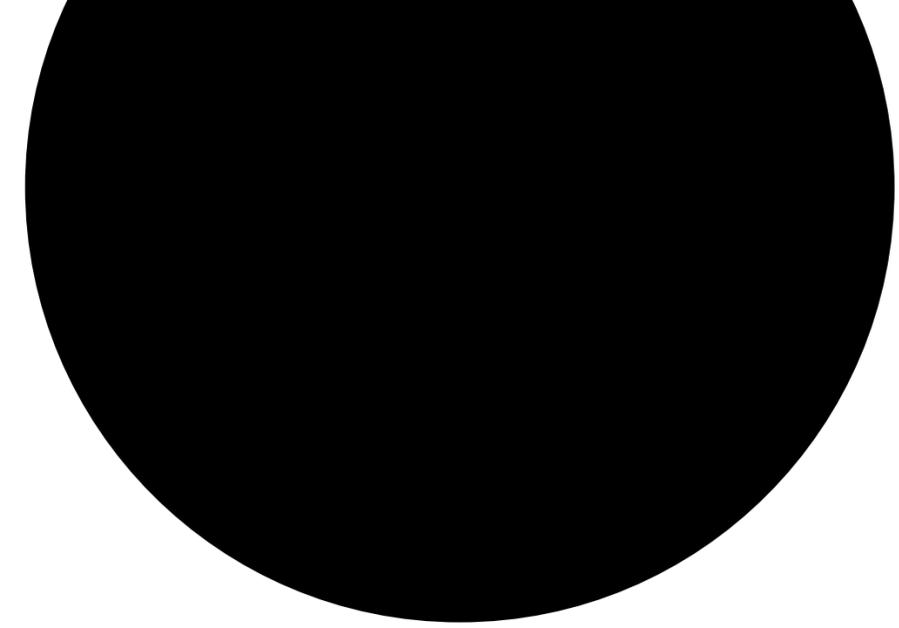
# How to submit your application?

Go to UNDP Procurement and check the Call for Proposals to the PCF. Check and download the documents.

Submit your application by **15 September 2022** to: **procurement.irh@undp.org** with the title "UNDPIRH-CFP-202105 Polish Challenge Fund".

The screenshot shows the UNDP Procurement Notices website. The header includes 'Accessibility', 'Home', 'About UNDP', and 'The Sustainable Development Goals'. The main title is 'United Nations Development Programme Procurement Notices'. Below the header, there are navigation tabs for 'Current Procurement Notices', 'Search Notices', and 'Awards'. The main content area is titled 'View Notice' and displays details for the 'UNDPPIRH-CFP-202105 Polish Challenge Fund'. The details include: Procurement Process: Innovation Challenge; Office: Istanbul Regional Center - TURKEY; Deadline: 17-Jul-21; Posted on: 04-Jun-21; Development Area: OTHER; Reference Number: 79271; Link to Atlas Project: 00123851 - Polish Challenge Fund. A 'Documents' section lists: Annex 1 Terms of Reference, Annex 2 Guidelines, Annex 3 Application Form, Annex 4 Budget, and Annex 5 Contract Template. On the left side, there are three menu sections: 'General information' (Procurement at UNDP, Sustainable procurement, Procurement training, About us), 'Business opportunities' (Procurement notices, Contract awards), and 'Vendors' (Doing business with UNDP, How we buy, Qualifications and eligibility, Protest and sanctions, Supplier ethics/code of conduct (pdf), eTendering guide and other information).

# Application Form



# Application Form

## POLISH CHALLENGE FUND

Application

### I. APPLICANT AND LOCAL PARTNER(S)

APPLICANT'S NAME:  
POSTAL ADDRESS:  
TELEPHONE:  
WEBSITE(S):

LEGAL REGISTRATION NUMBER, COUNTRY, AND YEAR OF REGISTRATION:  
TYPE OF ENTITY (i.e. PRIVATE SECTOR COMPANY, RESEARCH INSTITUTE, UNIVERSITY):

NAME OF CONTACT PERSON:  
E-MAIL:  
TELEPHONE:

LOCAL PARTNER'S NAME:  
POSTAL ADDRESS:  
TELEPHONE:  
WEBSITE(S):

LEGAL REGISTRATION NUMBER, COUNTRY, AND YEAR OF REGISTRATION:  
TYPE OF ENTITY (i.e. PRIVATE SECTOR COMPANY, RESEARCH INSTITUTE, UNIVERSITY):

NAME OF CONTACT PERSON:  
E-MAIL:  
TELEPHONE:

- ▶ Extract from the Public Register, i.e. Commercial Register ([Georgian State Website](#))
- ▶ Declaration of the partnership with local partner in Georgia, Republic of Moldova and Ukraine in form of Letter of Intent, Bilateral Contract or Memorandum of Understanding.

### II. GENERAL INFORMATION

PROJECT TITLE:

DATE OF IMPLEMENTATION: MONTH/YEAR – MONTH/YEAR

PLEASE SELECT COUNTRY OF IMPLEMENTATION:  
 GEORGIA

- REPUBLIC OF MOLDOVA
- UKRAINE

### SUMMARY OF THE PROJECT:

Please state the problem/challenge your [Application](#) aims to address. Describe the solution and the expected outcome in the targeted country. Capture the benefits and advantages of the intervention.

(100 – 300 words)

### III. PROJECT BUDGET

|                    |                      |        |
|--------------------|----------------------|--------|
| AWARD (USD)        | <input type="text"/> | (80%)  |
| CO-FINANCING (USD) | <input type="text"/> | (20%)  |
| TOTAL BUDGET (USD) | <input type="text"/> | (100%) |

Please provide detailed Budget Breakdown in a separate Cost Sheet in Annex B.

### VALUE FOR MONEY AND COST EFFECTIVENESS:

Please briefly describe the extent to which the proposed solution is expected to achieve its results at lower cost compared with alternatives.

(80 – 120 words)

# Example from the Czech side: Development Challenge and Solution

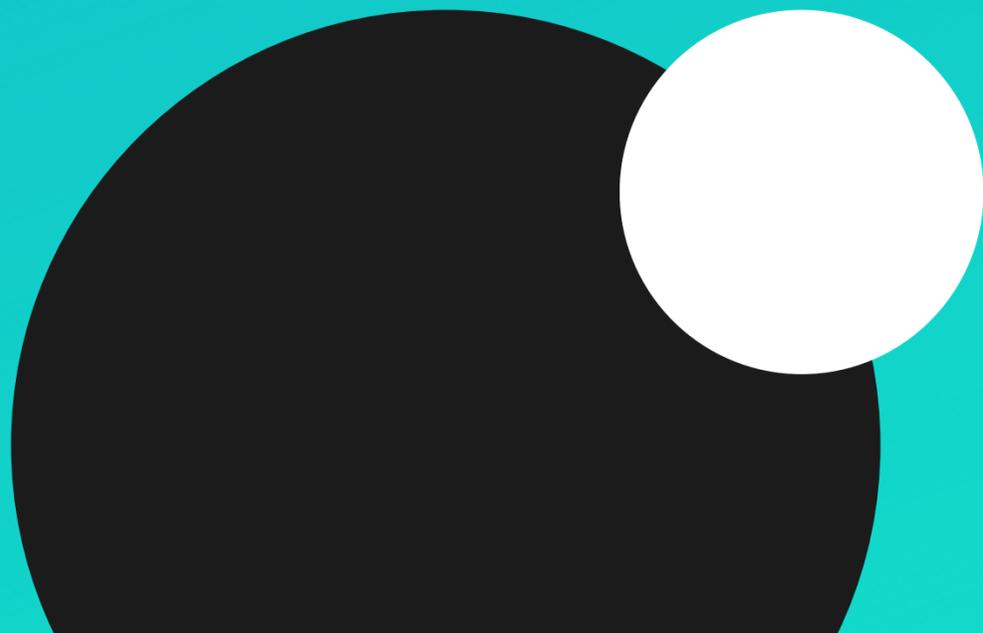
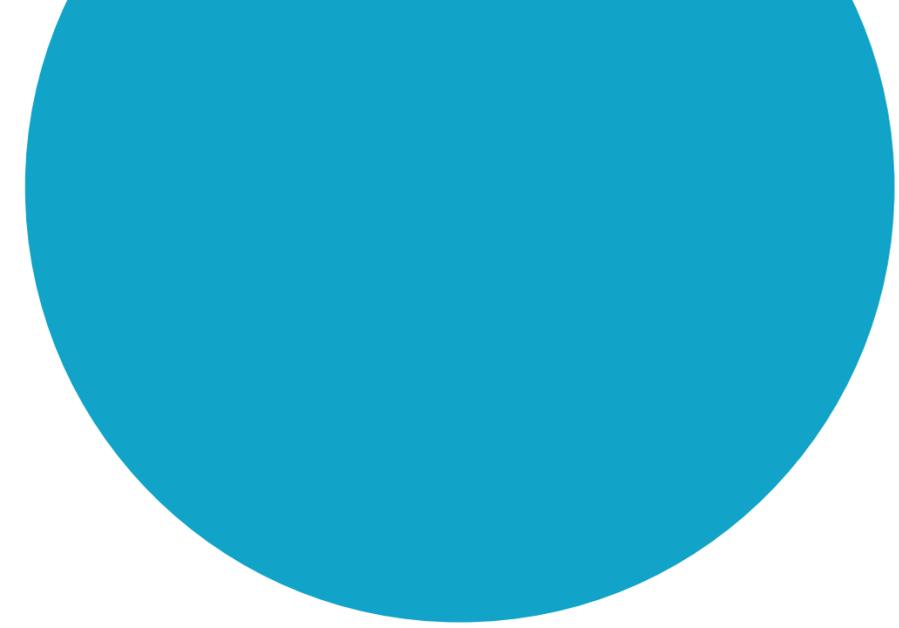
The project primarily addresses the problem of insufficient use of sustainable production technology in textile production and design, and ineffective management of waste in BiH, including the lack of recycling awareness and practice (SDG 12). Secondly, it addresses limited opportunities and low employment rates for women and girls who form the majority of potential workforce in fashion and textile industry (SDG 5). Finally, through promoting a sustained effort at the creative use of waste material and making it attractive for urban customers, impact on non-renewable energy sources used in traditional textile production is decreased (SDG 7).

Despite relative poverty rate of 16.9% population below poverty line (Household Budget Survey, 2015), households in BiH currently spend 4.9% of their monthly expenditures on clothing and footwear, which is similar to spending habits of Czech population (Czech Statistical Office, 2016). This trend is more significant in urban areas where household consumption is on average 16% higher (HBS, 2015). Bosnian-Herzegovinian urban youth population is very fashion conscious, which, however, contrasts with the lack of awareness of sustainable means of production, responsible waste use, and recycling. The project's intervention logic is thus built on the assumption that fashion presents a credible, attractive and locally relevant medium for educating on environmental awareness, while at the same time it is itself an important object of intervention due to its high toll on non-renewable energy sources and raw material.



**Upcycling  
Challenge  
in Sarajevo**

# Budget Breakdown

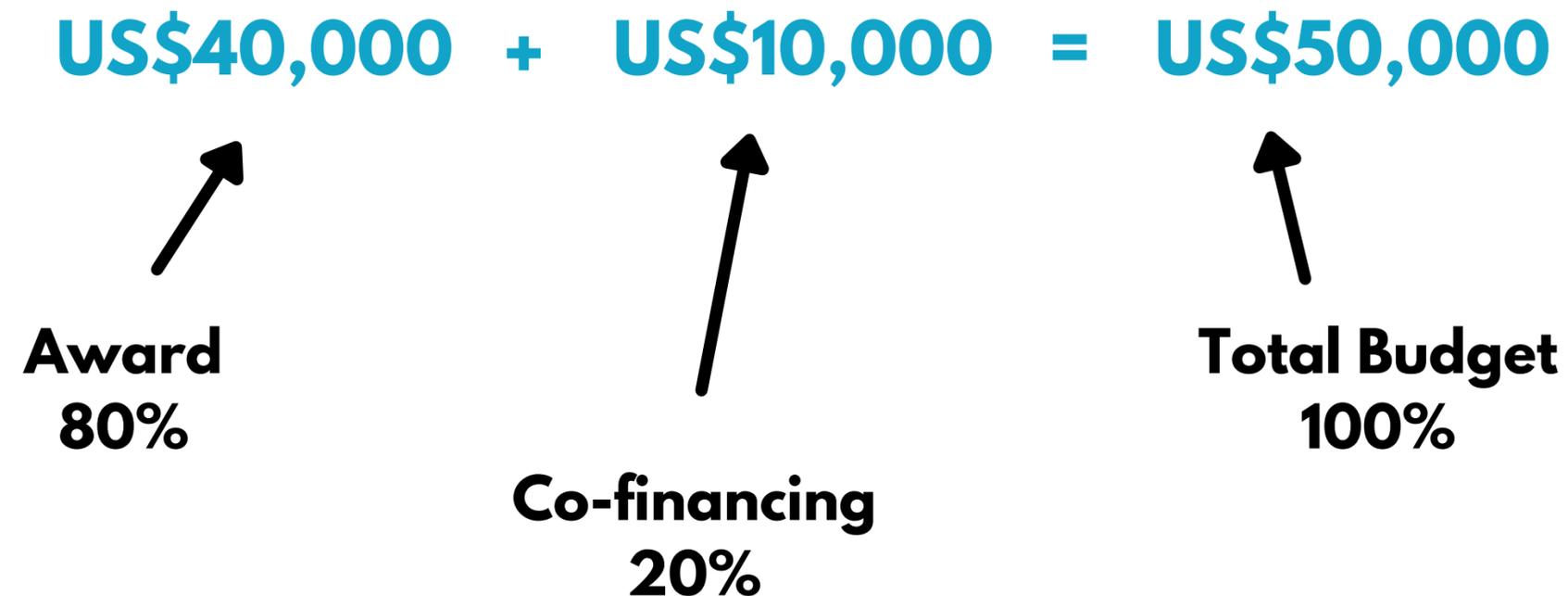


# Budget Form

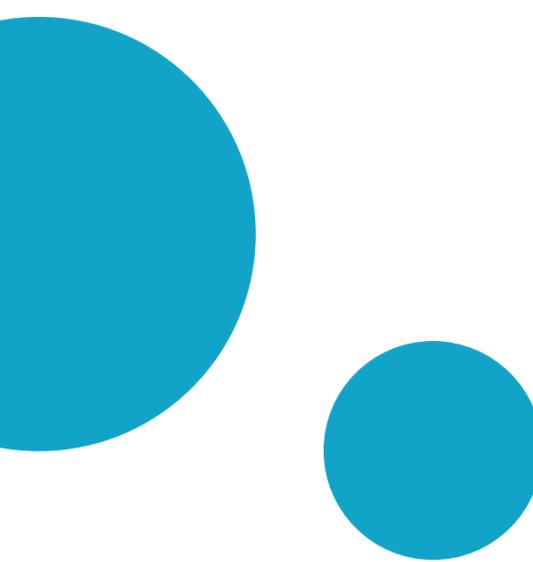
|                               |                                  |                 |             |                    |                |
|-------------------------------|----------------------------------|-----------------|-------------|--------------------|----------------|
| Lead Applicant/Innovator      | Name of Lead Applicant/Innovator |                 |             |                    |                |
| Country of Implementation     |                                  |                 |             |                    |                |
| Award                         |                                  |                 |             |                    | \$0,00         |
| Co-financing (USD)            |                                  |                 |             |                    | \$0,00         |
| Co-financing (%)              |                                  |                 |             |                    | #DĚLENÍ_NULOU! |
| Total Budget                  |                                  |                 |             |                    | \$0,00         |
| <b>Activity 1   Chapter 1</b> | <b>Name of Activity</b>          |                 |             |                    |                |
| Type of Expenditure           | Unit                             | Number of Units | Award (USD) | Co-financing (USD) | Notes          |
| 1.1 Personal Expenses         |                                  |                 |             |                    |                |
| 1.1.1 Sub Category            |                                  |                 |             |                    |                |
| 1.1.2 Sub Category            |                                  |                 |             |                    |                |
| 1.1.3 Sub Category            |                                  |                 |             |                    |                |
| 1.1.4 Sub Category            |                                  |                 |             |                    |                |

# Can you provide more details on co-financing?

- The total budget of the project, comprising of the maximum 80% for the price funding („award“), and **minimum 20% for the matching funds** from other sources („co-financing“).
- **Co-financing can be financial or in-kind**, e.g. a cash value of use of facilities (e.g. lab or meeting spaces), patents and licenses for use, study materials, technologies, or components, etc.
- Co-financing **above the minimum threshold is preferred** and will be taken into account during evaluation; 0 % for the required minimum of 20% of total project costs, then 0.5% for every additional 1% co-funding of the total projects costs.



# Examples of financial and in-kind contribution

Two blue circles of different sizes are located in the bottom-left corner of the white background.

## **FINANCIAL RESOURCES**

Like financial assets and  
resources from other  
projects

## **IN-KIND CONTRIBUTION**

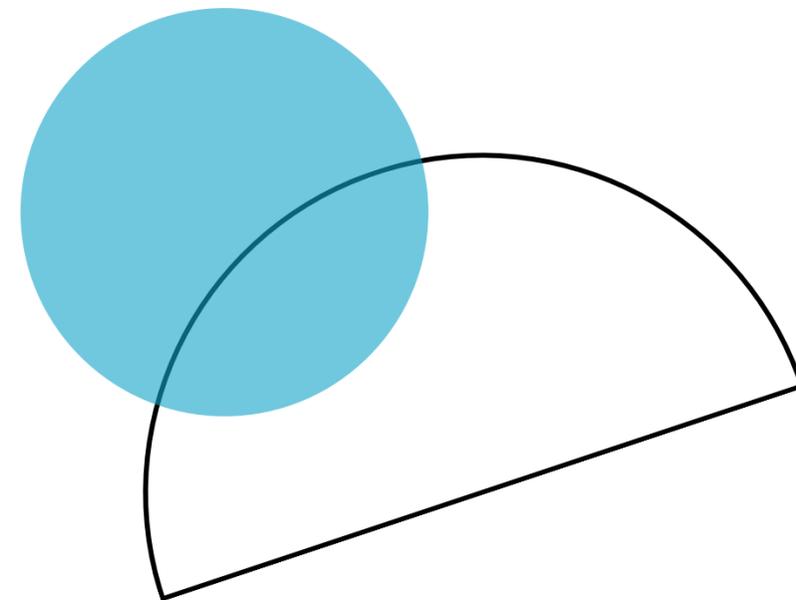
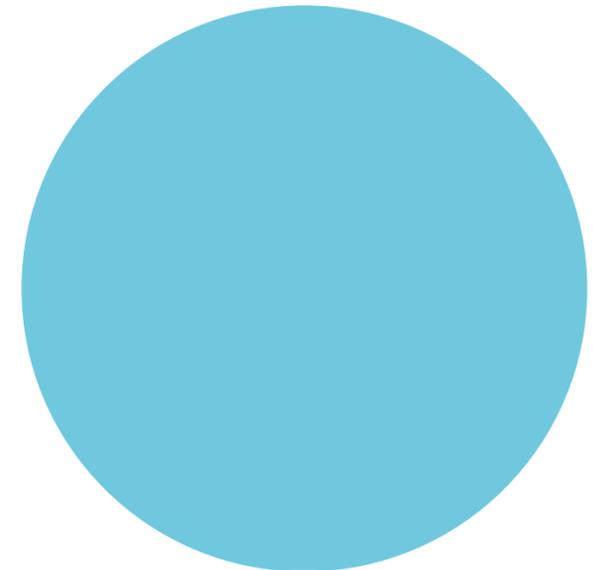
Like rentals for premises for  
events, travel expenses, training  
materials or pro bono  
consultations by experts

## When is the deadline?

The deadline for submissions of Applications is **15 SEPTEMBER, 2022 at 11:59 PM CET.**

## Do you need help?

Feel free to reach out to us at **[procurement.irh@undp.org](mailto:procurement.irh@undp.org)** at any point in the process and we will do our best to answer your questions.





**NUMBERS TO INSPIRE YOU**

**35,7%**

Success rate for companies under the Polish  
Challenge Fund in 2020.

# OUR WORK **IN** NUMBERS

**4** CALLS FOR PROPOSALS



**84** SUBMITTED APPLICATIONS



**21** SELECTED PROJECTS



# Frequently Asked Questions

Q1: How are the results announced?

Q2: Is the project end date and final financial statement date the same?

Q3: How is the award paid?

Q4: How is it with the travel to priority countries?

# **Q&A session**

**DO YOU HAVE A QUESTION?  
ASK US NOW!**

USE THE CHATBOX OR RAISE HAND  
TO ASK A DIRECT QUESTION!

# POLISH CHALLENGE FUND

**Webinar 2022**



The Polish Challenge Fund is a component of the **"Polish-UNDP Partnership: Innovative Solutions for the SDGs"**, a Programme financed by the Ministry of Foreign Affairs of the Republic of Poland and implemented by the UNDP Istanbul Regional Hub.