



**LIVING
CROPLAND INITIATIVE**

CARBON REDUCTION FOR SUSTAINABLE AGRICULTURAL

Учасники Глобального Договору ООН



Global Compact
Network Ukraine



“LIVING CROPLAND” Initiative

Validated carbon reduction units from the
implementation of regenerative agriculture



About Program

The Program "LIVING CROPLAND" Initiative is a voluntary visionary endeavor aimed at significantly reducing greenhouse gas emissions in the agricultural sector through the widespread adoption of regenerative approaches in non-EU countries. This Program combines agricultural Best Practice extension, knowledge dissemination, and collaboration to harmonize agricultural practices with ecological balance. Through a comprehensive approach encompassing agricultural extension, agronomic support, data collection, and monitoring system, the Program seeks to enhance soil organic carbon storage and decrease CO₂, and N₂O emissions from land-using agrotechnological practices.

Vision & Mission



Vision:

The "LIVING CROPLAND" Initiative is more than just a project; it is our partnership agreement with nature, where the footprint of each of our actions influences the health of the land and contributes to sustainable development for the sake of tomorrow.



Mission:

The mission of the "LIVING CROPLAND" Initiative is to contribute to the creation of a sustainable future by implementing innovative regenerative approaches in agriculture, in collaboration with the agricultural sector. Our task calls for reducing carbon emissions, restoring soil fertility, and supporting biodiversity, while producing agricultural products in harmony with nature to achieve sustainable agriculture and preserve the health of the planet for future generations.



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About Us



I. P.
Cert

SURELY EASIER

I.P.Cert

I.P.Cert is a leading consulting partner in agricultural standards certification. Since 2015, our team has been providing consultations and services for the preparation and completion of all certification stages, assisting our clients in achieving and maintaining the highest standards of quality, safety, and business ethics.

I.P.Cert is developing the voluntary international Program "Living Earth" Initiative, which is the first 100% Ukrainian project of climate agriculture at the European level. Based on the highest global standards, according to Core Carbon Principals, it will allow Ukrainian farmers to participate in the global voluntary carbon market, Scope 3 programs and become a leading supplier of low carbon agricultural products to the EU markets.



The Integrity Council for the Voluntary Carbon Market is a non-profit, independent governance body that aims to set and maintain a global standard for high integrity in the voluntary carbon market

The Core Carbon Principles

ICVCM | Integrity Council for the Voluntary Carbon Market

I.P.Cert within The "LIVING CROPLAND" Initiative Program do implement 10 Core Carbon Principles to ensure credibility, transparency, effectiveness, and sustainability in its carbon-crediting projects.

The Core Carbon Principles

Effective governance 01

I.P.Cert ensures effective governance by implementing transparent practices, maintaining accountability, continuously improving processes, and ensuring the overall quality of carbon credits

Transparency 03

I.P.Cert provides comprehensive and transparent information on all credited mitigation activities, making this information publicly available in electronic format for scrutiny by non-specialized audiences

Additionality 05

I.P.Cert ensures that GHG emission reductions or removals are additional, meaning they would not have occurred without the incentive created by carbon credit revenues

02 Tracking

The Program utilizes a registry to uniquely identify, record, and track mitigation activities and carbon credits issued, ensuring secure and unambiguous identification of credits

04 Robust independent third-party validation and verification

I.P.Cert cooperates with and applies robust independent third-party validation and verification of mitigation activities to ensure credibility and trustworthiness

06

Permanence

The Program ensures permanence of GHG emission reductions or removals or has measures in place to address risks of reversal and compensate for reversals

Robust quantification of emission reductions and removals

The Program robustly quantifies GHG emission reductions or removals based on conservative approaches, completeness, and scientific methods

07

08

No double-counting

I.P.Cert ensures that GHG emission reductions or removals are not double-counted and are only counted once towards achieving mitigation targets or goals

Sustainable development benefits and safeguards

The Program adheres to or surpasses widely established industry best practices on social and environmental safeguards while delivering positive sustainable development impacts

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Contribution toward net zero transition

The Program avoids locking-in levels of GHG emissions, technologies, or carbon-intensive practices that are incompatible with achieving net-zero GHG emissions by mid-century

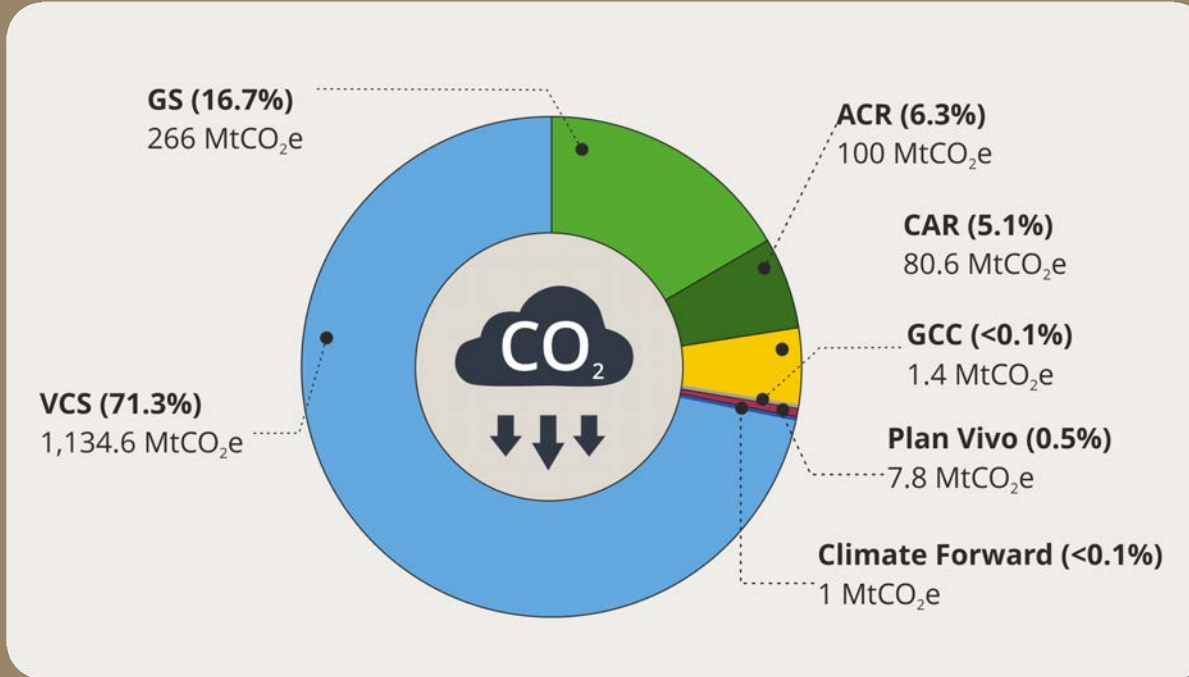
Voluntary Carbon Standards

Gold Standard[®]

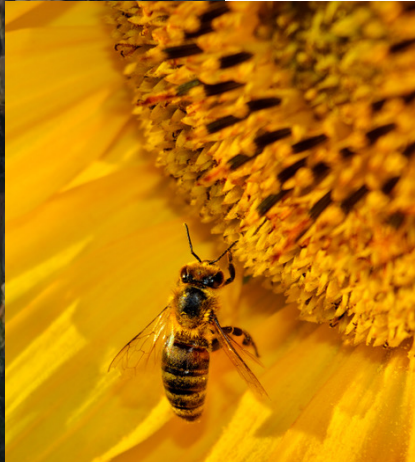
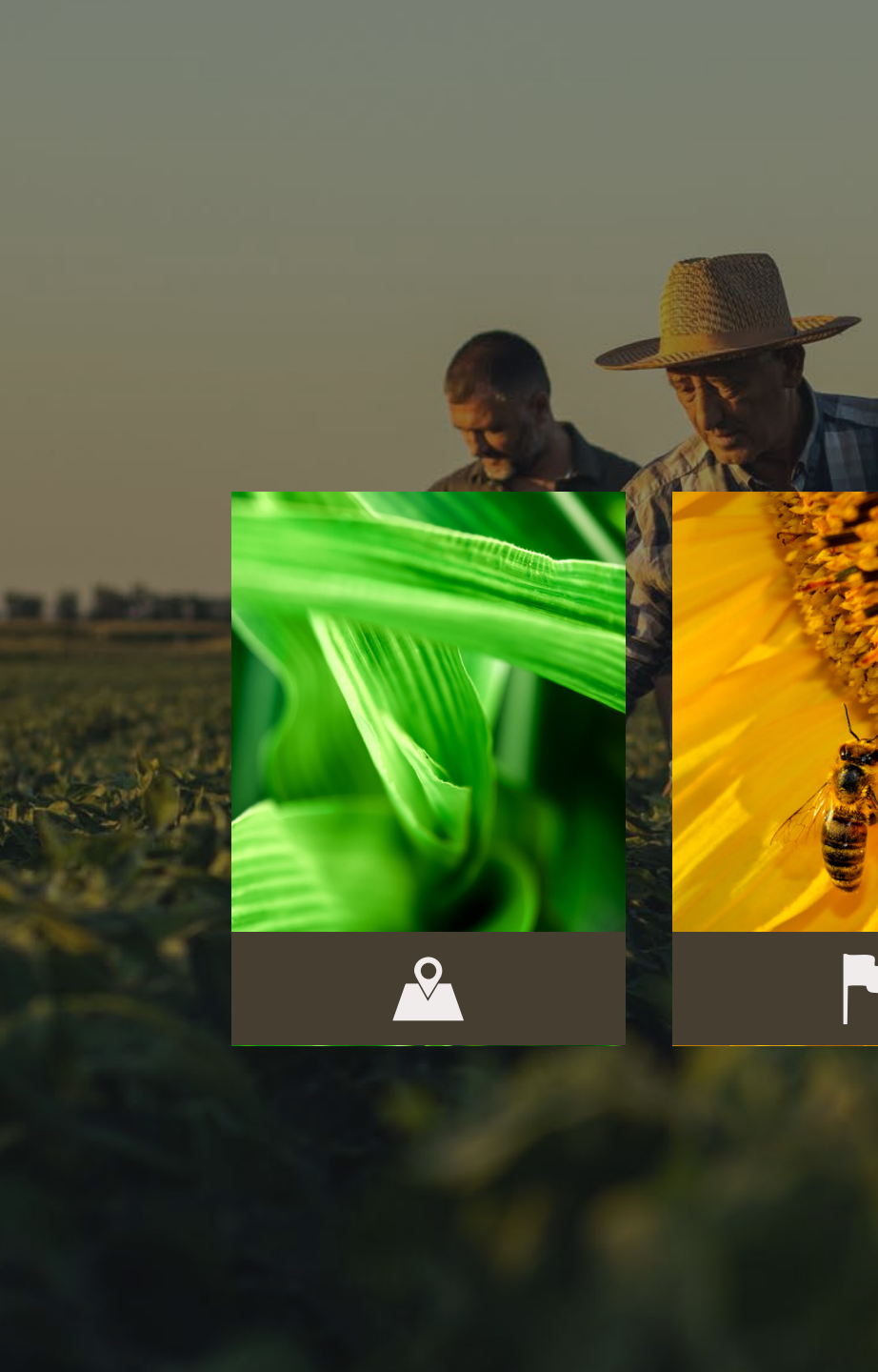


The "LIVING CROPLAND" Initiative is based on the main worldwide recognized Voluntary Carbon Standards such as: VCS and Gold Standard

Share of credits issued in the VCM by leading carbon standards



Source: The Voluntary Carbon Market Explained/Climate Focus



Eligibility Criteria

- The farm does not burn biomass/plant residues
- Agricultural production is not carried out on protected, virgin, valuable lands, peatlands and wetlands
- The lands did not change land use status and there was no deforestation after January 1, 2008
- The farm does not participate in other voluntary carbon projects
- Committed to implementing regenerative practices and preserving biodiversity

Additionality Principles

- 1** The farm took an obligation to implement new regenerative practices in its activities for at least 7 years
- 2** The implemented practices are new to the farm and/or have not been fully implemented before
- 3** Measures are being taken to improve biodiversity
- 4** The use of funds from the project has a targeted purpose
- 5** The received funds allow to accelerate the implementation of regenerative practices

1.5K+

Farm size

3Y+

Operation period

Min 1+

Biodiversity practice

Goal 2: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

Goal 5: Achieve gender equality and empower all women and girls

Goal 12: Ensure sustainable consumption and production patterns

Goal 13: Take urgent action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy

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Contribution to the UN
Sustainable Development
Goals

Monitoring System



Field visits

Visits to the farm with an audit of the implementation of regenerative practices



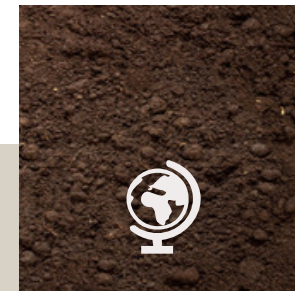
Lab analyses

Laboratory studies of soil samples for organic carbon content



Doc verification

Review of documentation and additional data to assess the implementation of regenerative practices



dMRV

Satellite monitoring of fields and verification of practices.

REGROW partner



Regenerative Practices



Maximum coverage of the soil with mulch

Plant residue management

- do not burn plant residues
- do not plug plant residues into the soil
- mulch with plant residues
- evenly distribute plant residues
- use a combing header



Minimal soil disturbance

Tillage

- reduction of tillage
- shelf-free processing, without overturning layers
- prohibition to move soil horizons
- introduction of Mini-till, No-till, Strip-till



Maximum variety of agricultural crops

Crop rotation

extensive crop rotation, increased planting of leguminous crops, sowed perennial grasses, binary crops, crop sowing scheme

Cover crops

sowing siderates, cover crops, creation of ecological zones

Regenerative Practices



Live roots all year round

Improvement

- sowing crops with a long growing season
- binary crops
- sowing of cover crops
- perennial herbs



Integrated livestock

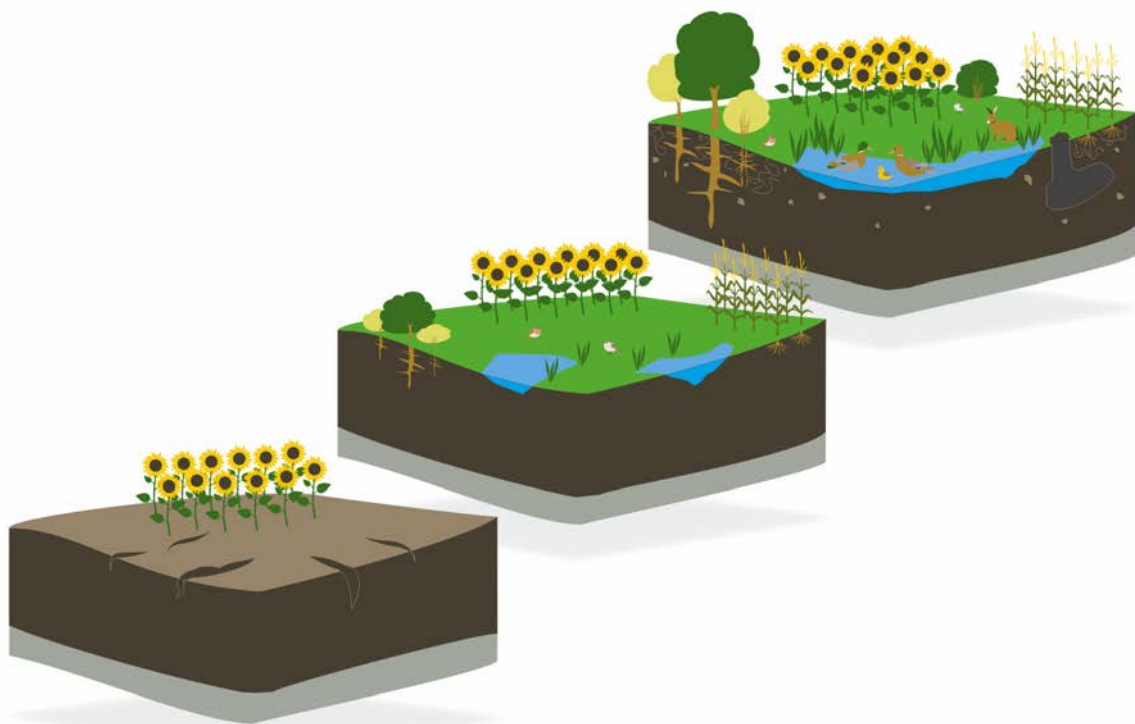
Grazing control

- reduction of pasture trampling
- uniform distribution of animals
- preservation of the plant root system



Co-benefits

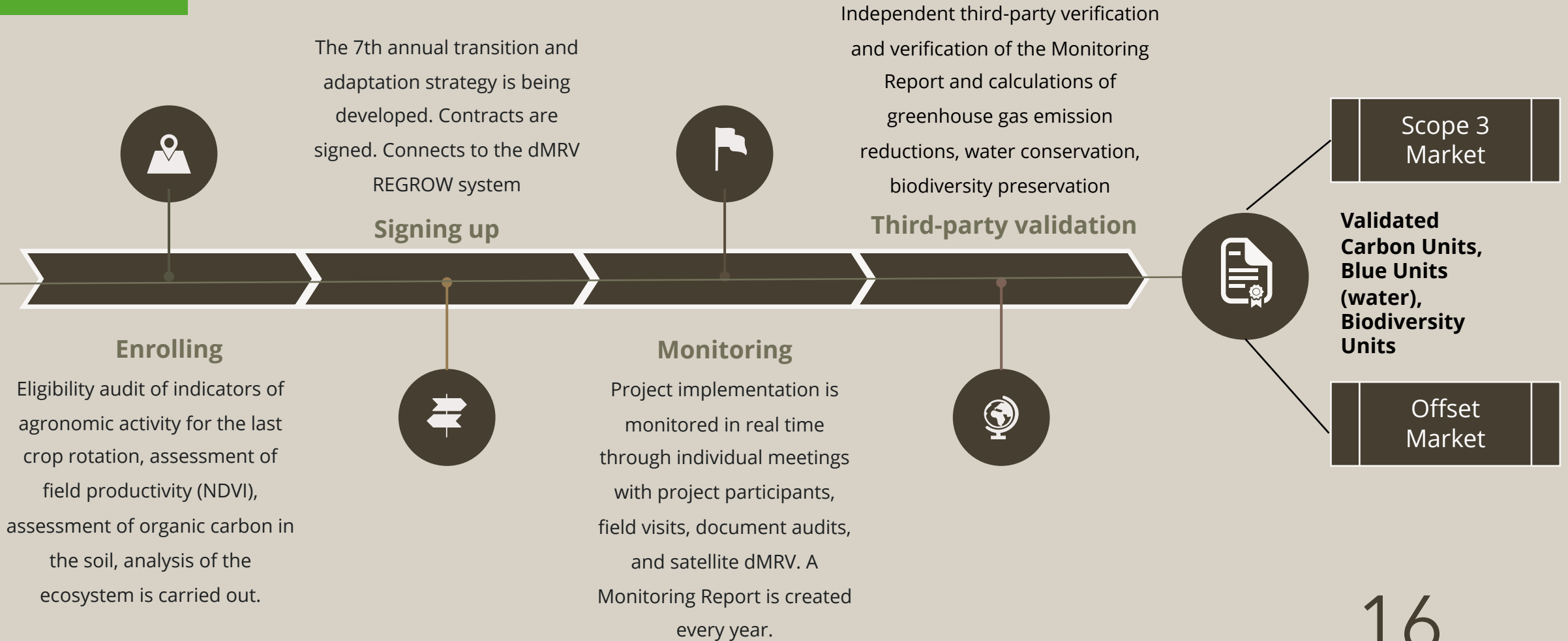
Should contribute to the sustainability objectives beyond the minimum sustainability reequipments, such as **biodiversity preservation** and **water management**



Biodiversity Preservation

- Increasing crops in crop rotation
- Sowing cover crops
- Creation of ecological zones
- Increase in beneficial insects and pollinators
- Preservation of areas of existence of animals and birds, restoration of "corridors"

Project Process



Transparency

Map Analysis

The "know your partner" principle will allow you to track:

- Information and story-telling,
- physical supply,
- validated project tons,
- as well as EUDR compliance to the final plot



Contact Us

Phone

+38 096 004 40 03

+38 095 543 86 12

Email

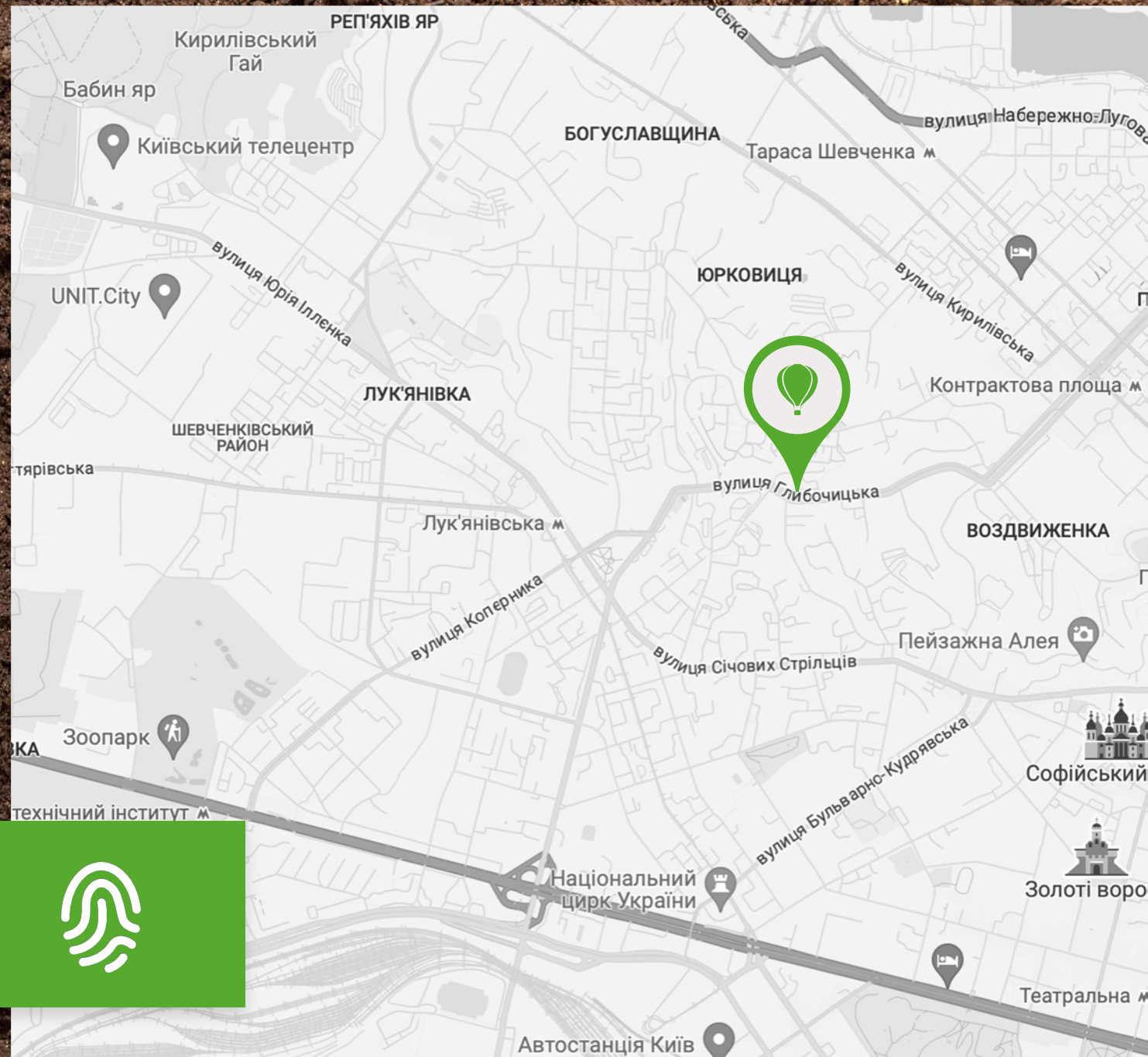
hello@ipcert.net

o.prosolenko@ipcert.net

www.ipcert.net



40B Hlybochytska str., of. 3A
Kyiv, 04050



05/24



THANK YOU

Thank You All And See You Soon ☺.