

DIGITAL RESTORATION ECOSYSTEM FOR ACCOUNTABLE MANAGEMENT (DREAM)



Кабінет Міністрів
України



MINISTRY FOR
RESTORATION
Communities, Territories and
Infrastructure Development of Ukraine



Міністерство
цифрової трансформації
України

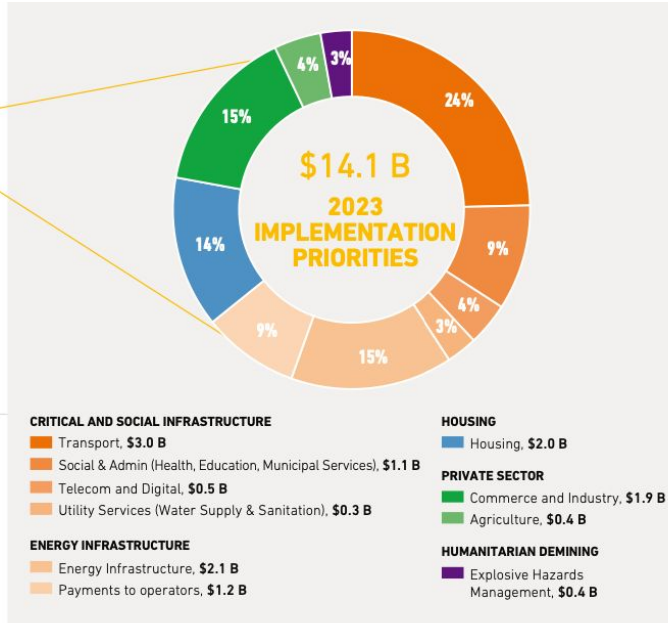
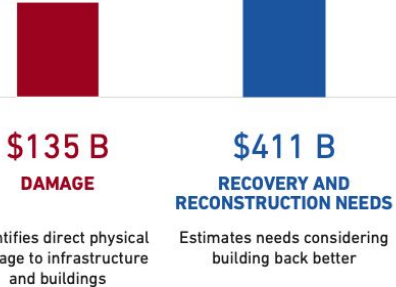


Agency
for Restoration

OPEN
CONTRACT
PARTNERSI



UKRAINE: RAPID DAMAGE AND NEEDS ASSESSMENT*



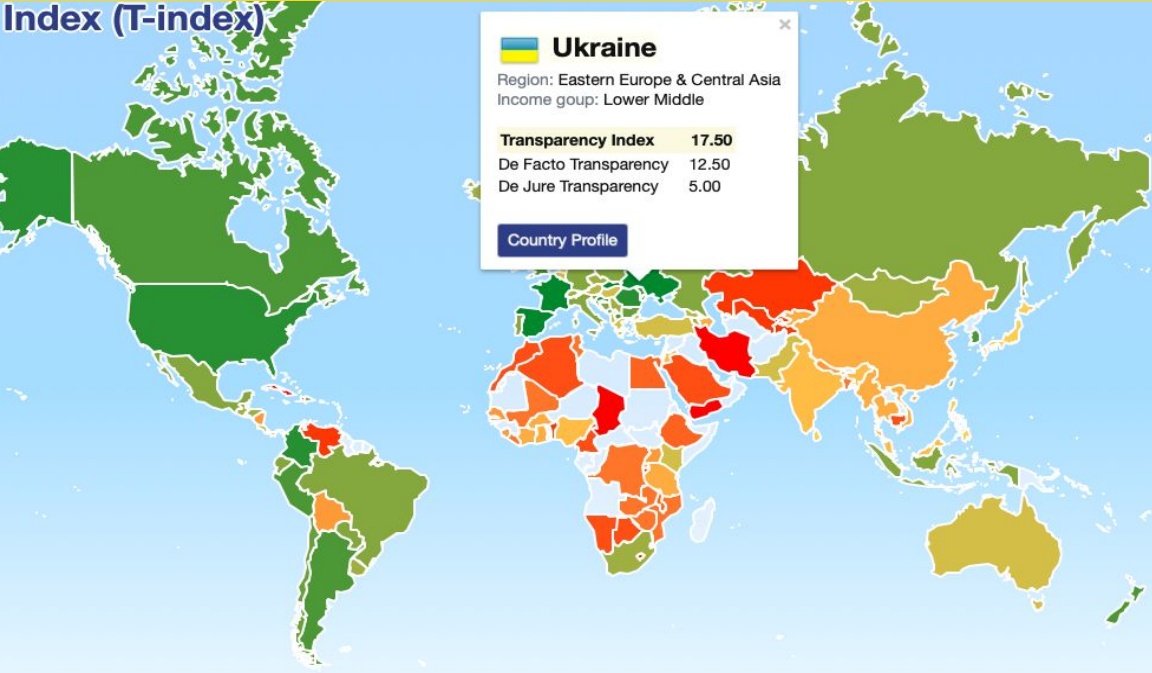
CHALLENGES OF RESTORATION

- To rebuild their country in what will be the largest reconstruction plan since WWII, Ukrainians will bring integrity and sustainability to implement tens of thousands of projects within 10 years
- The plan provides for attracting hundreds of billions of dollars in the form of grants, loans, and investments.
- How to manage such an amount of resources with so many projects? How to ensure that every cent is spent effectively and for its intended purpose?
- The new, fully transparent and digital ecosystem should be at the heart of the reconstruction.

*World Bank Assessment, [RDNA2, February 2022 – February 2023](#)

UKRAINE TOPPED TRANSPARENCY INDEX 2022*

Index (T-index)



Ukraine ranked first among European countries in the level of open data development, sixth place in the overall ranking of the Open Data Maturity Report in 2021, and topped T-Index 2022.

*Transparency Index 2022, [CorruptionRis.org](https://www.transparency.org)

UKRAINE'S WORLD-LEADING DIGITAL STATE SERVICES

Prozorro, Prozorro Sales, eHealth, Diia have not only become successful examples of digitization of state services & activities, but also benchmarks being implemented in other countries of the world.



prozorro



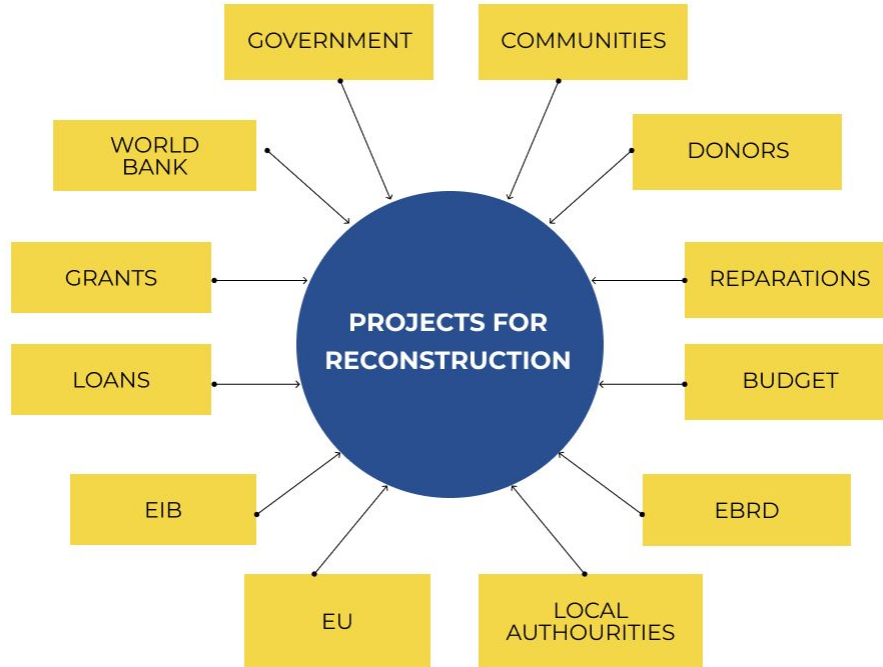
eHealth

BIG IDEA OF THE DIGITAL RECONSTRUCTION OF UKRAINE



Capable Ukrainian institutions, decentralization, open data and digital ecosystem (DREAM) are the basis of transparent and effective reconstruction of Ukraine

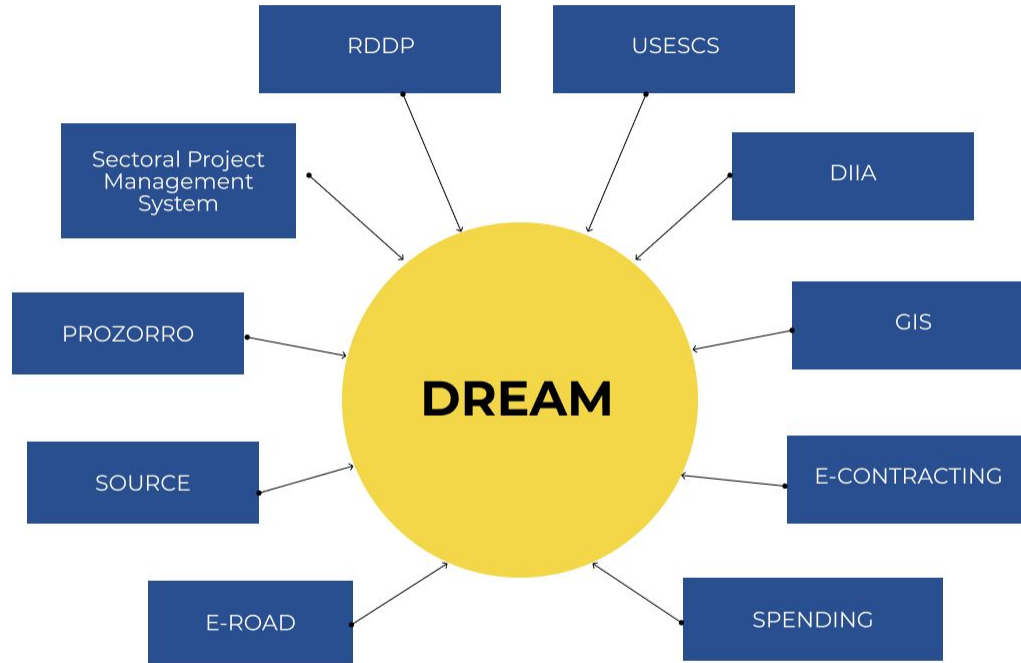
The principles and design of the DREAM system takes into account all the key requirements for reconstruction, contains safeguards against corruption and dictates the rules for its implementation. The launch of DREAM will provide a solid foundation for Ukraine's reconstruction



MANY CHALLENGES

- How to operate with all these flows and streams?
- How to organize the work?
- How to prioritize the projects?
- How to monitor and control these activities?

MANY CHALLENGES - ONE SOLUTION



**DREAM IS NOT JUST A TOOL -
IT IS A COMPREHENSIVE ECOSYSTEM**

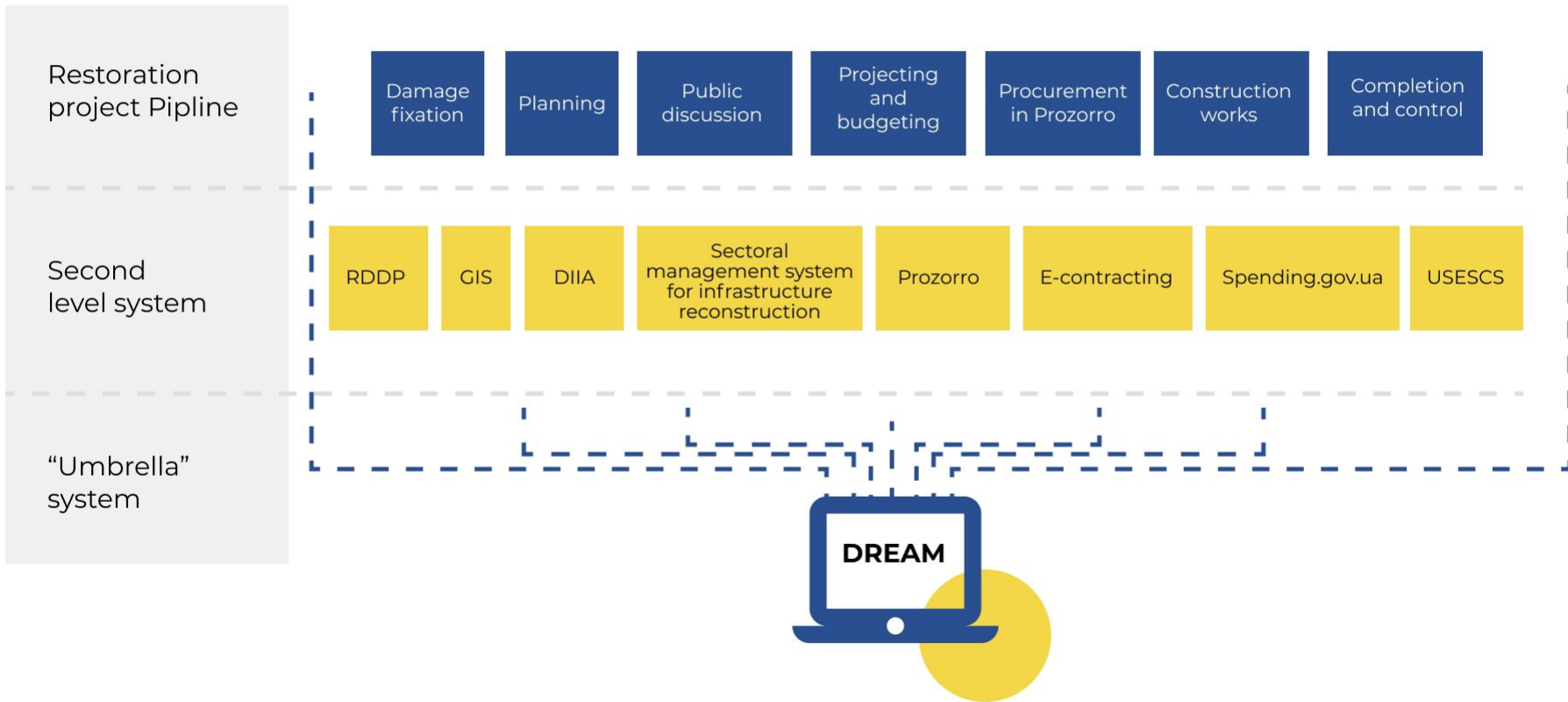


ALL POSSIBLE TOOLS IN ONE PLACE

USER FRIENDLY INTERFACE

WHOLE PICTURE INFORMATION

GENERAL DREAM ARCHITECTURE



GENERAL CHALLENGES

- A large-scale ongoing war
- Thousands of damaged or destroyed facilities across the country
- A large number of displaced people
- Huge amounts of losses - more than 138 billion*
- Competition for resources, uncoordinated actions of donors
- Corruption scandals and a traditionally low level of trust in state institutions

& TASKS OF RECONSTRUCTION

- Critical recovery and preparation for large-scale rebuilding is required
- Detailed registration of losses and development of recovery plans
- Expert support, training, creating conditions for people to return
- Involvement of international partners and investors to finance reconstruction
- A single "Bank" of reconstruction projects, clear methods of prioritization, open competition of projects
- Use of open data, electronic systems and tools - "the computer does not take bribes"

REGIONAL CHALLENGES

- Lack of financial resources for reconstruction
- Shortage of human capital, expertise in reconstruction
- High load on local authorities, a large number of tasks, systems and requirements for their work
- Large number of displaced people, lack of information for planning, difficulties with community involvement
- Lack of experience in the implementation of large-scale projects



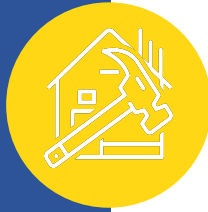
TASKS OF RECONSTRUCTION

- Involvement of international partners and investors to finance reconstruction, promotion of regional projects
- Expert support, training, creating conditions for people to return
- A clear and understandable project launch procedure, a "single window" for planning, creating and managing a reconstruction project, typical projects and templates
- Digital community engagement tools
- Training, instructions and tips, templates, service support

**DREAM is a
digital backbone for
the implementation
of community
restoration projects**

Communities and local authorities are the main initiators of regional reconstruction projects. And therefore - also the main users of the Digital Restoration Ecosystem for Accountable Management (DREAM)

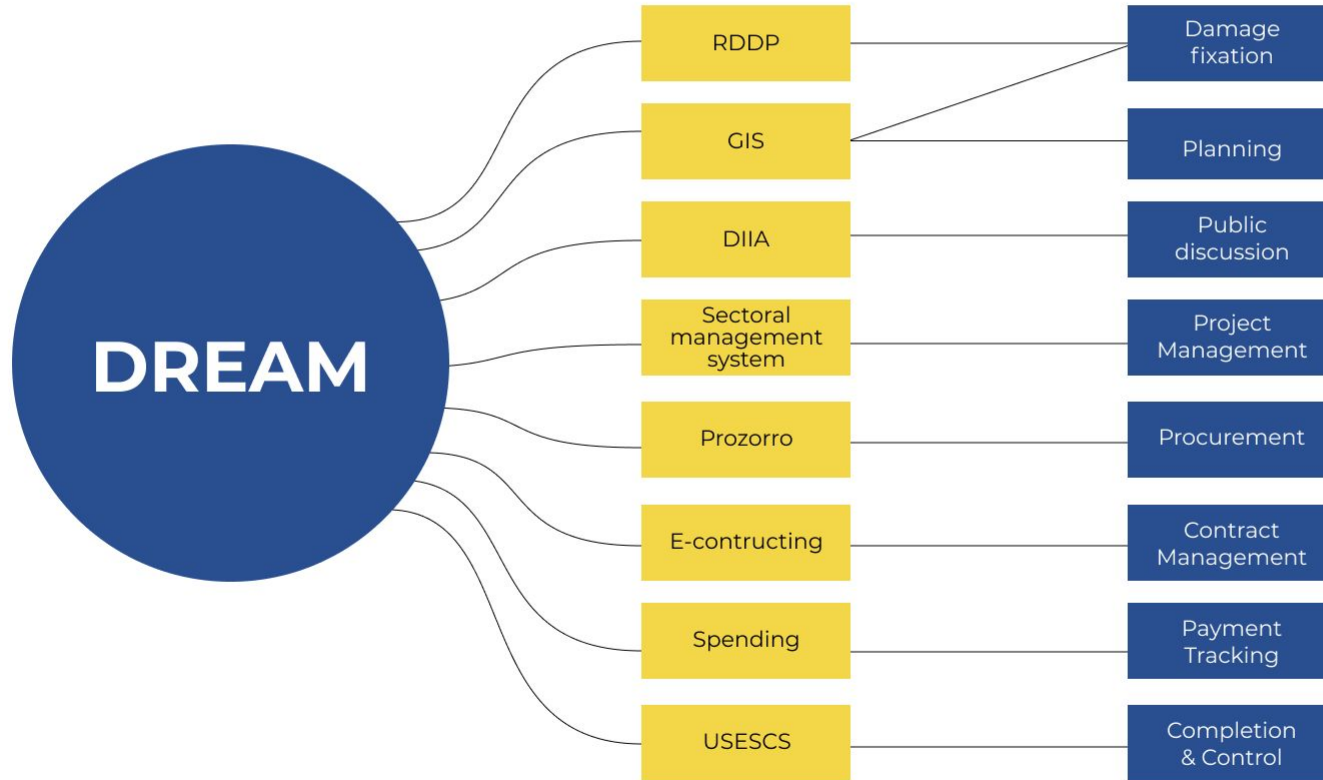
DREAM is a state reconstruction management system that creates a single digital pipeline for reconstruction projects and ensures transparent and effective implementation of the projects at the national and regional levels



For international financial institutions (IFIs) and donors, the DREAM provides opportunities for transparent and open selection of projects for implementation, as well as to monitor their implementation at all stages: from project registration, development of documentation, to procurement, construction management and audit. DREAM is a "single window" for financing, management and control of projects.

A single digital system allows you to select and control reconstruction projects through a single user-friendly interface.

EACH COMPONENT OF DREAM PROVIDES APPROPRIATE SOLUTION TO EACH STAGE OF THE RECOVERY PROCESS



DETAILED LISTS OF PROJECTS

Сторінка > Оперативне виконання

Фільтри

По об'єктах По областях



За етапами

15398
всього протяжність, км

6693 без тендеру, км
8111 оголошено тендер, км
774 укладено дог., км
602 в роботі, км

Переглянути на карті

Вивантажити

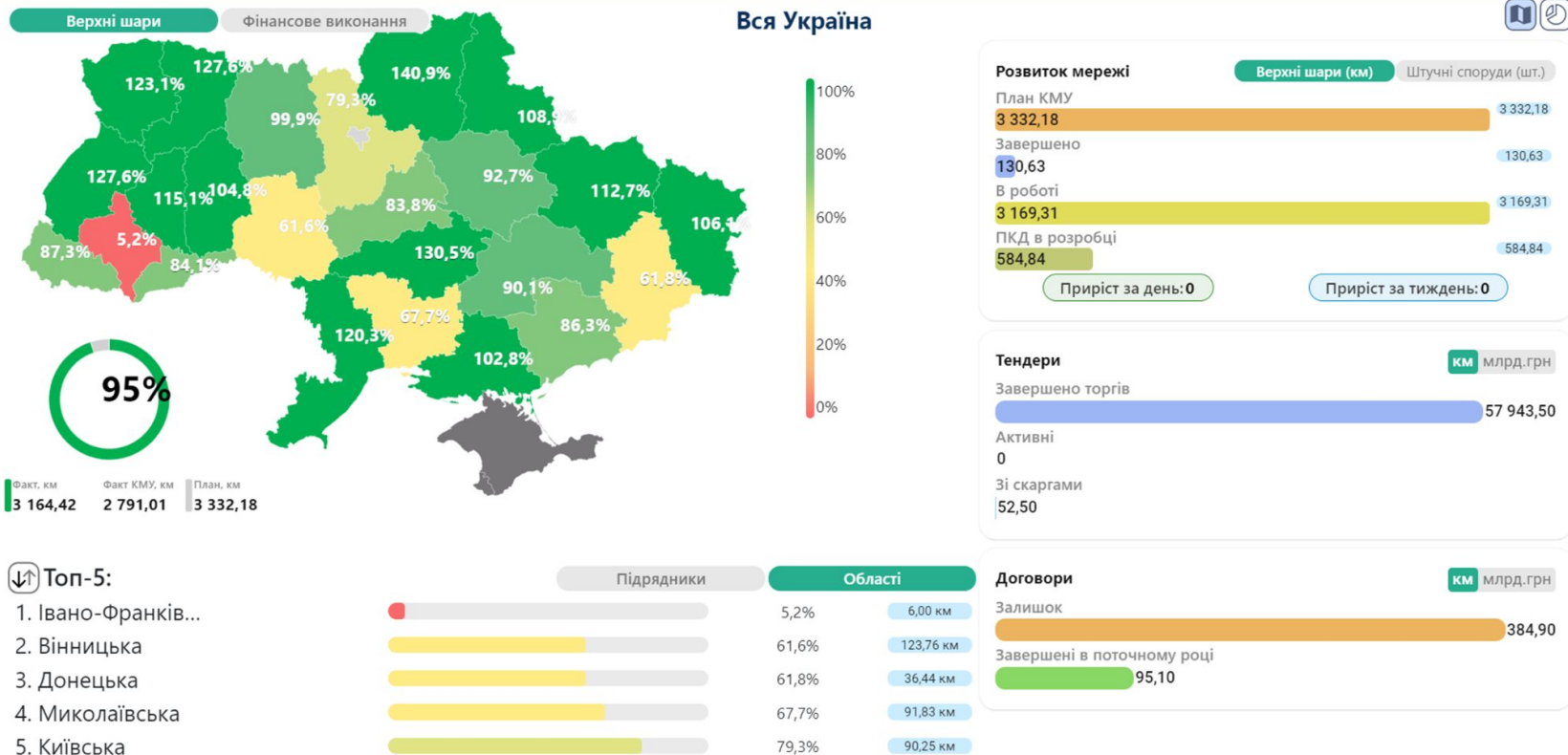
Додати об'єкт

Статус	Область	Тип об'єкта	Об'єкт	Вид робіт	Підрядник	Запланований об'єм, км	Фактично виконано, км	Оперативне виконання, тис. грн	Фінансування			Готовність об'єкта, %	Дії
									Передбачено, тис. грн	Профінансовано, тис. грн	Використані кошти, тис. грн		
В роботі	Вінницька область	Штучна споруда	Мости через струмки на км 276 + 526 та на км 282+381 автомобільної дороги загального користування державного значення Н-02 /М-06/ – Кременець – Біла Церква – Ржищів – Софіївка, Вінницька область (окремими ділянками)	ПСР		0,00	0,00	0,00	75 000,00	0,00	0,00	41,54%	
В роботі	Вінницька область	Штучна споруда	Будівництво прикордонного мостового переходу через річку Дністер на українсько-молдовському державному кордоні в районі населених пунктів Ямпіль — Косеуць	КР	ТОВ "АВТОСТРАДА"	0,00	0,00	0,00	311 000,00	0,00	0,00	8%	
В роботі	Вінницька область	Дорога	М-21 Виступовичі — Житомир — Могилів-Подільський (через м. Вінницю) на ділянці км 321 + 968 — км 325 + 968	КР	ТОВ "РДС"	0,00	0,00	0,00	20 000,00	0,00	0,00	4,17%	
В роботі	Полтавська область	Штучна споруда	Н-08 Бориспіль — Дніпро — Запоріжжя (через м. Кременчук) — Маріуполь, ділянка правобережних заплавних прогонів мосту через р. Сула км 170 + 867	КР	ТОВ "МП "Мостострой"	0,00	0,00	24 000,00	40 000,00	0,00	0,00	6,02%	
В роботі	Вінницька область	Штучна споруда	Міст через р.Сіб на км 88 + 082 автомобільної дороги Р-33 Вінниця — Турбів — Гайсин — Балта — Велика Михайлівка — /М-16/	КР	ТОВ "АВТОСТРАДА"	0,00	0,00	0,00	41 000,00	0,00	0,00	39,18%	
В роботі	Тернопільська область	Дорога	Т-20-08 Шумськ — Великі Дедеккали — /Н-02/, км 0 + 000 — км 16 + 255	ПСР	ТОВ "ТБЦ"	0,00	0,00	0,00	0,00	0,00	0,00	0%	
В	Вінницька область	Дорога	Н-02 /М-06/ — Кременець — Біла Церква — Ржищів — Канів — Софіївка на ділянці км 260 + 650 — км 283 + 680 (окремими	ПСР	ТОВ "ЕДБ"	0,00	0,00	94 665,30	0,00	0,00	0,00	81,96%	
Всього об'єктів: 1079						0,00	0,00	1 002 310,30	249 530 032,84	0,00	3 000,00		

50 100 500

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USER FRIENDLY INTERFACE



KEY STAGES OF WORKING WITH DREAM

1

Planning

IFIs or donors can review reconstruction plans with a list of objects and their compliance with data in the Register of Damaged and Destroyed Property.

2

Registration and Initiation of the projects

IFIs and donors can review reconstruction plans with a list of objects and their compliance with data in the Register of Damaged and Destroyed Property.

3

Bank of projects

Initiated projects enter a single register (Bank of projects), where they compete with others for the right to be financed and implemented in the first place.

IFIs and donors select projects in the Bank of Projects, taking into account the quality of application preparation (filling in the necessary data), the general prioritization methodology, and its own priorities.

KEY STAGES OF WORKING WITH DREAM

4

Project documentation

IFIs and donors have the opportunity to consider detailed documentation, which includes a list of works, resources, projects of individual buildings, structures, etc., and also determines the scope and content of procurement of goods and services.

5

Procurement

IFIs and donors control the preparation and conduct of tender procedures in the Prozorro system in accordance with the needs of the selected project following Ukrainian or International procurement regulations

6

Implementation of the project

IFIs and donors can monitor the progress of the works and consider regular reports in the DREAM on progress in implementation, including structured feedbacks from counterparts, technical supervision and civil society

7

Commissioning of the facility, audit

IFIs and donors consider the data on the completion of the project, as well as the results of the audit.

KEY ADVANTAGES OF WORKING WITH DREAM

International best practices for project preparation and monitoring

Implements December 2022 PIMA recommendations. SOURCE methodology for projects life cycle improves the quality of every project and simplifies evaluation. OCDS & OC4IDS for data structuring and publication.

Data-driven funding decisions

All reconstruction projects are included in the general "Bank of projects" of the DREAM, which allows you to choose projects for financing based on their relevance, quality of preparation, etc.

Management and control

DREAM provides IFIs and donors with convenient management and control tools at each stage of its life cycle of the reconstruction projects.

Confidence in reconstruction projects

Open data and convenient digital transaction monitoring (eg. business intelligence, red flags etc) tools allow investors to track and control every stage of the reconstruction project.

KEY ADVANTAGES OF WORKING WITH DREAM

Closed "paper" reconstruction

- Tens of thousands of projects and thousands of contractors
- Opaque procurement and corruption risks
- Various reporting formats, complex audit
- Difficult, inefficient planning
- Distrust of the public and international partners, as a result - insufficient financing of reconstruction
- Restoration of outdated infrastructure according to the principle "as it was"

Reconstruction DREAM

- A single tool for planning, management and communication
- Open data and control at every stage
- Unified digital reports and international auditing standards
- Tools for public participation, control and early warning of risks
- Trust of international partners, sufficient financing for reconstruction
- Creation of a new modern country, reconstruction according to the principle of build back better

ADVANTAGES OF DREAM FOR COMMUNITIES

1 Lightness

DREAM offers a base of typical objects for construction, which can be easily adapted to the needs of local authorities

2 Maximum automation

At each stage of the project, users will receive instructions and tips on filling in mandatory fields, uploading necessary information, etc.

3 Community involvement

Modules for conducting public hearings, monitoring and control tools are integrated into the DREAM

4 Assistance in fundraising

All projects are included in the general "Bank of projects" for international organizations and private investors, which allows you to present your reconstruction projects in a high-quality way and attract financing

5 Trust of investors and the civil society

Open data and user-friendly digital monitoring tools allow investors and the civil activists to track and monitor every stage of the project, thereby building trust

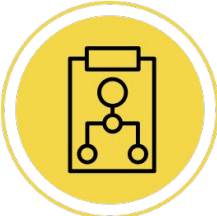
6 Legal protection

All procedures in the DREAM will be approved by relevant legislative and regulatory documents, which simplifies the work of the local authorities and reduces the risk of violations and complaints

PROJECT PIPELINE IN DREAM



Registration of losses
and calculation of
needs



Planning &
Public hearings



Project
initiation



Bank
of projects



Financing



Procurement



Implementation
of the project

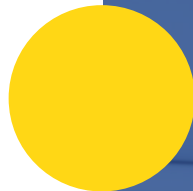


Commissioning of
the facility, audit

Stage 1:

Fixation of losses and determination of needs

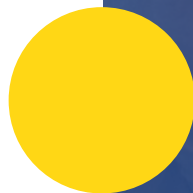
The local authority enters data on damaged and destroyed objects into the Register of Damaged and Destroyed Property (RDDP), which is a part of the DREAM, this allows you to see the full picture of the destruction and plan reconstruction more effectively



Step 2:

Develop smart recovery plans

Local authorities develop and submit their own Recovery Plan to the DREAM, which includes all objects that need to be restored, modernized or built from scratch. DREAM provides a number of tools for comprehensively solving the issue of reconstruction planning, using objective and geodata (maps), prioritizing projects according to economic, demographic and other indicators

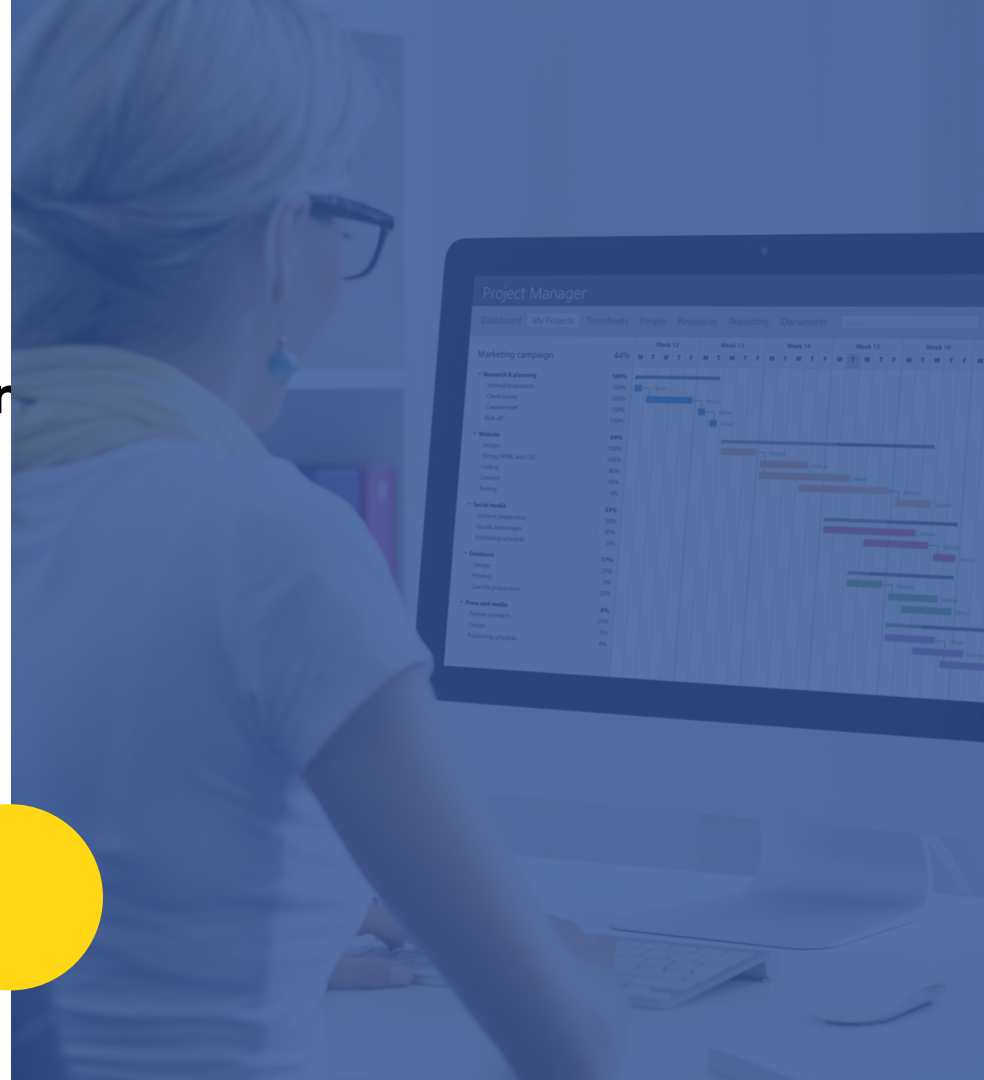
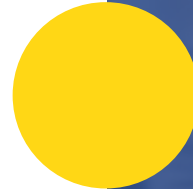


Stage 3:

Project and preparation

initiation

Depending on their own priorities, local authorities initiate specific reconstruction projects from the list of project ideas specified in their Recovery Plan



KEY STAGES OF WORKING WITH DREAM

Stage 4:

Filling the bank of projects

The project initiated by the local authority enters the unified register (Bank or Shopfront) of projects, where it competes for the right to be financed and implemented in the first place



Stage 5:

Determination of project financing mechanisms

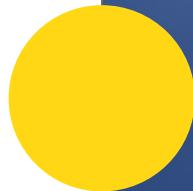
At this stage, projects financed from the state budget and projects financed from international organizations, mixed or private sources are selected



Stage 6:

Preparation and procurement

This stage includes formation of procurement plans by local authorities for their own projects that have received funding. Each reconstruction project is divided into separate tenders - procurement of goods, works and services. IFA can check & control the procurement planning and the tender process for the projects they gave financing to



Stage 7:

Implementation of the project

At this stage, the implementation of works & services on projects with specific reference points starts, with interim reports being generated in the DREAM and the control being carried out by the IFI and other financial partners



Stage 8:

Audit and control of project implementation

At this stage, reports, usage of funding and scope of works is being checked, and projects are confirmed to be effectively and transparently implemented



PARTNERS OF DEVELOPMENT & IMPLEMENTATION OF DREAM

The DREAM is being developed by the Government of Ukraine in close cooperation with the Coalition of Civil Organizations RISE Ukraine



MINISTRY FOR
RESTORATION
Communities, Territories and
Infrastructure Development of Ukraine

Ministry of Communities,
Territories and Infrastructure
Development of Ukraine (Ministry
for Restoration)
<https://mtu.gov.ua/>



Міністерство
цифрової трансформації
України

Ministry of Digital Transformation
of Ukraine
<https://thedigital.gov.ua/>



Agency
for Restoration

State Agency for Restoration and
Development of Infrastructure of
Ukraine (Agency for Restoration)
<http://restoration.gov.ua/>



Coalition of civil organizations RISE
Ukraine
<https://www.rise.org.ua/>

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Open Contracting Partnership
<https://www.open-contracting.org/>



Better Regulation Delivery Office
(BRDO)
<https://brdo.com.ua/>



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Transparency International Ukraine
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We thank our international partners for
their expert and financial support

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JOIN US!

Become a part of the DREAM
support team