



MINISTRY OF HIGHER EDUCATION,
SCIENCE AND INNOVATIONS OF THE
REPUBLIC OF UZBEKISTAN



FOURTH SESSION OF THE SPECA WORKING GROUP ON INNOVATION AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT



DATE
19 October, 2023



TIME
14:00 - 16:30 (Tashkent time)



UZBEKISTAN
7, UNIVERSITY STREET, ALMAZAR
DISTRICT, TASHKENT CITY

SCAN ME



**Statement by Mr Vitaliy Alexandrov,
Deputy Permanent Representative of the Republic of Kazakhstan to UN ESCAP**

ESCAP Digital Solutions Center for Sustainable Development

KEY TASKS

Identifying critical digital technologies that can enable significant progress towards achieving Sustainable Development Goals

Preparation of clean versions that can be implemented in different countries

Training programs for specialists from participating countries in methods for working with technologies

Countries will be provided with free access to all developments, as well as assistance in their implementation

The work should be structured according to the Technology Hub principle

- Countries transfer source codes, technical documentation and methodology for the Software
- Equal distribution of financial costs to all participating countries
- Secondment of two IT engineers from each State at the launch stage
- Basic equipment: purchase of screens (monitoring center format). Server and network equipment
- Premises will be provided by the Government of Kazakhstan



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The screenshot displays a web application interface with a search bar at the top left and a main content area. The main content area is divided into a table on the left and a detailed form on the right. The table has columns for 'ID' and 'Name'. The form is titled 'Технологии' and contains several fields for data entry, including a dropdown for 'Сфера', text boxes for '1. Наименование технологии', '2. Наименование научной организации', '4. Коллектив авторов', and '6. Фактический правообладатель'. It also includes file upload buttons for '3. Файл научной организации' and '5. Файл авторов', and dropdown menus for '8. Категория технологии', '9. Перспективы внедрения', and '11. Этап развития технологии'. At the bottom of the form, there are buttons for 'Сохранить', 'Сохранить и выйти', and 'Создать новый'.

A lightweight, intuitive, modern digital program for collecting data on technologies, scientific publications and analytical reports



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14. Патентная защита на международном уровне
 Есть
Добавить файл Файл: Не выбран

15. Дополнительные критерии
 Технология двойного назначения

16. Описание коммерческих перспектив внедрения
Добавить файл Файл: Не выбран

17. Государственные вложения в разработку
 Есть
Сумма: _____ тг.
Добавить файл Файл: Не выбран

18. Частные вложения в разработку
 Есть
Сумма: _____ тг.
Добавить файл Файл: Не выбран

19. Участие иностранных фондов и иных организация
 Да
Добавить файл Файл: Не выбран

20. Рекомендации по дальнейшему финансированию за счет государственных средств
Добавить файл Файл: Не выбран

21. Текущее состояние проекта, мнения, пожелания и запросы авторов технологии
Создать новый

Сохранить Сохранить и выйти

Выбрать для отчета Редактировать выбранные

Создать отчет

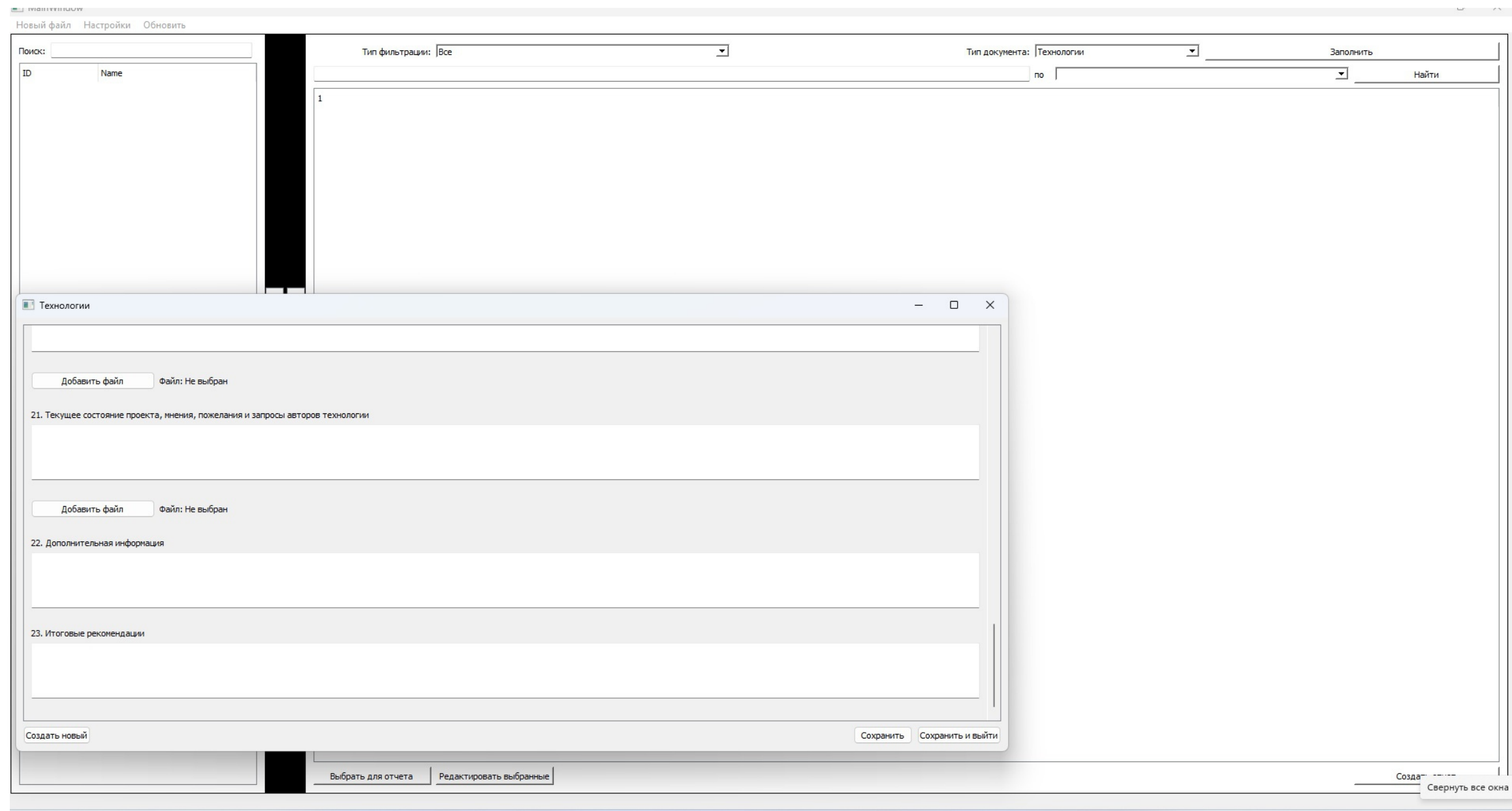
Пользователь: local

Фильтры: Категория: Технологии Заполнить
по Найти

Based on 23 criteria, including the name of the technology and information about the authors, areas of application, background of the project, stage of development, data on the early stages of funding from public or private organizations, etc.



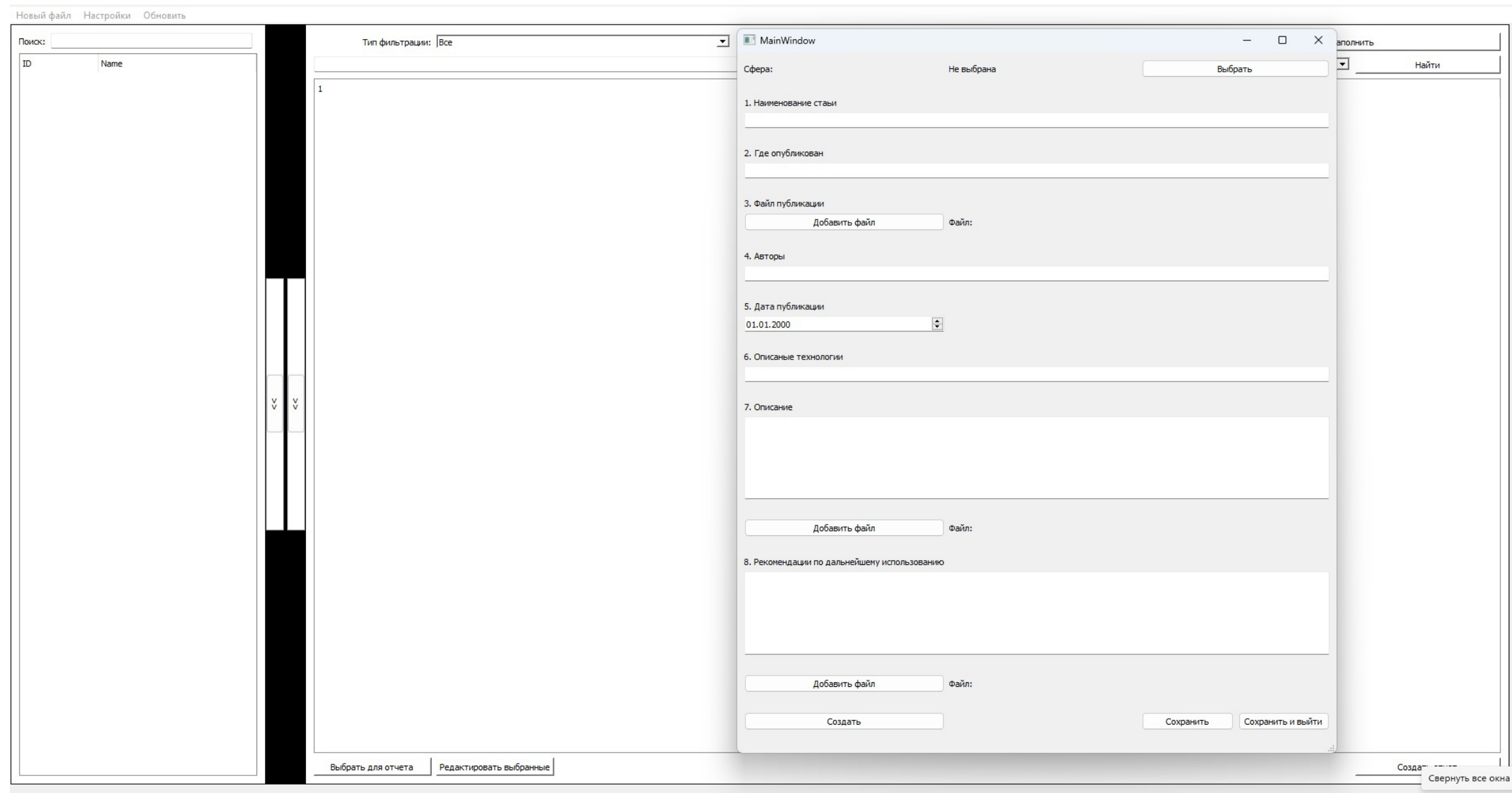
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Without bureaucracy, without hierarchy, without intermediary organizations between scientists and the Government



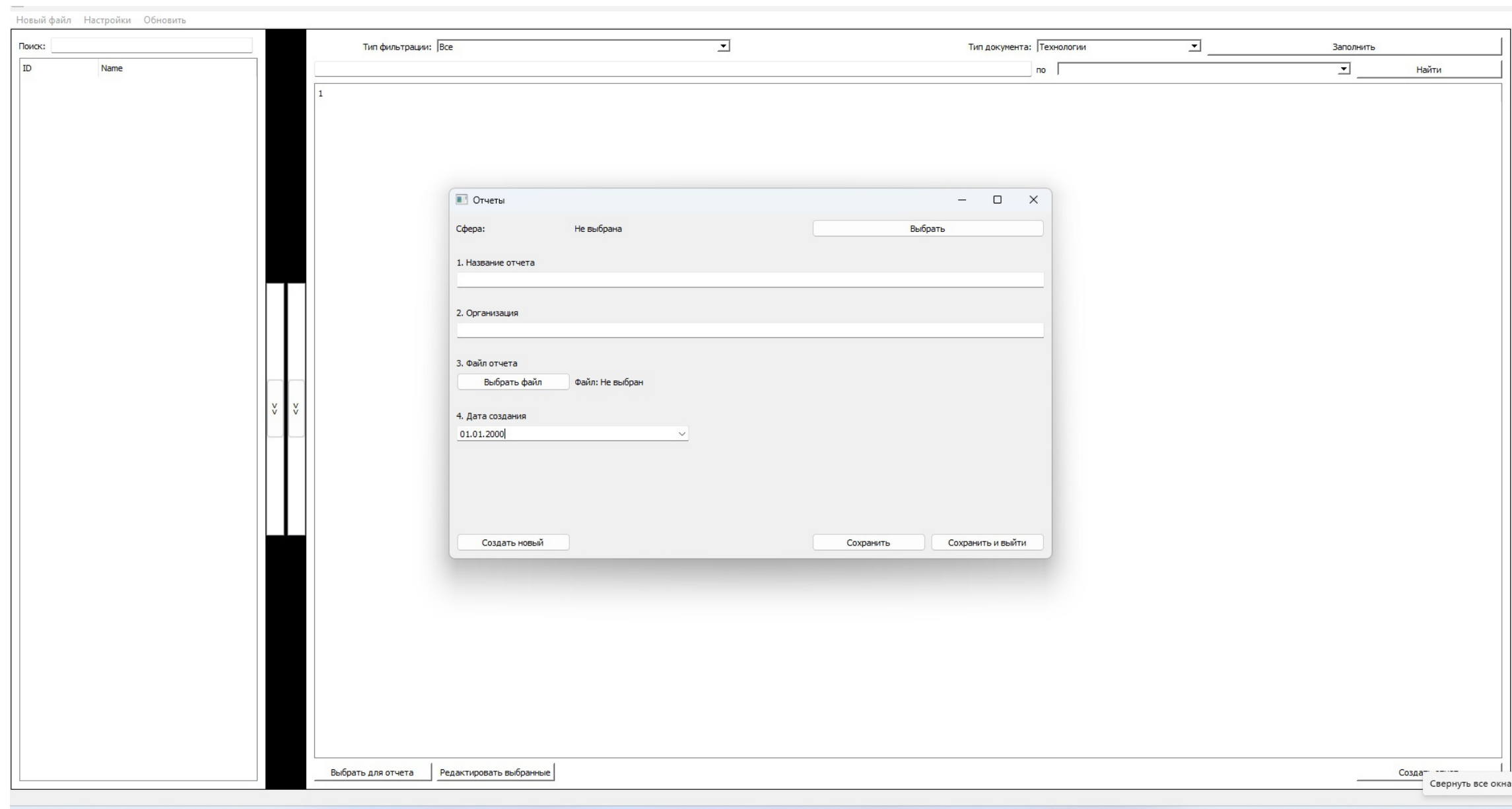
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Every scientist, regardless of having a particular scientific degree, working in a scientific organization or outside it, young or retired, will have the opportunity to contribute their latest data on the technologies they have created



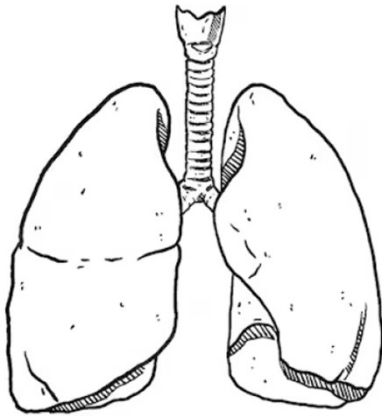
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**Every technology is the Heritage of the state and humanity.
The principle we proposed is fundamentally different from
the work of patent organizations**

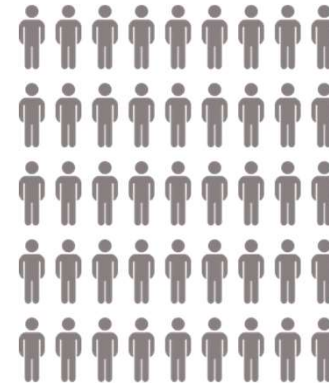


Problem



2.2 million new cases

lung cancer diseases
annually



1.6 million people

dies annually
from lung cancer

Problem

Long time from detection to treatment



~2 weeks



High rate of medical errors
due to human factor

Diagnostics

12%

Solution

Faster and more accurate detection of cancer using AI



Solution

Cloud-based solution with a web interface
and access from anywhere in the world

365/24/7



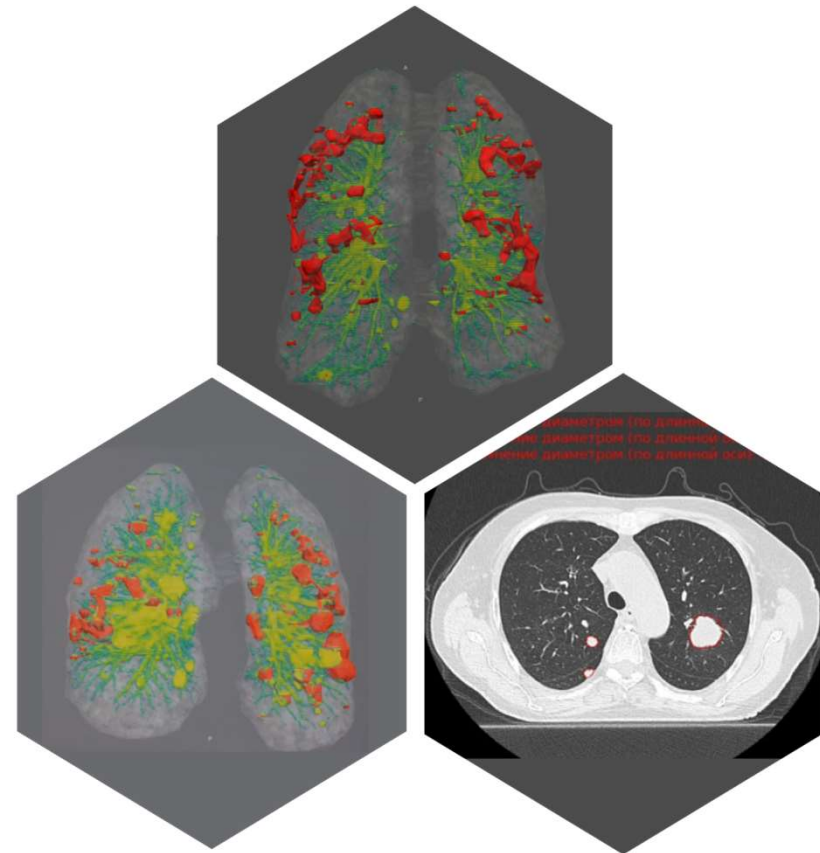
What we have done so far

Developed neural network models for the early diagnosis of cancer

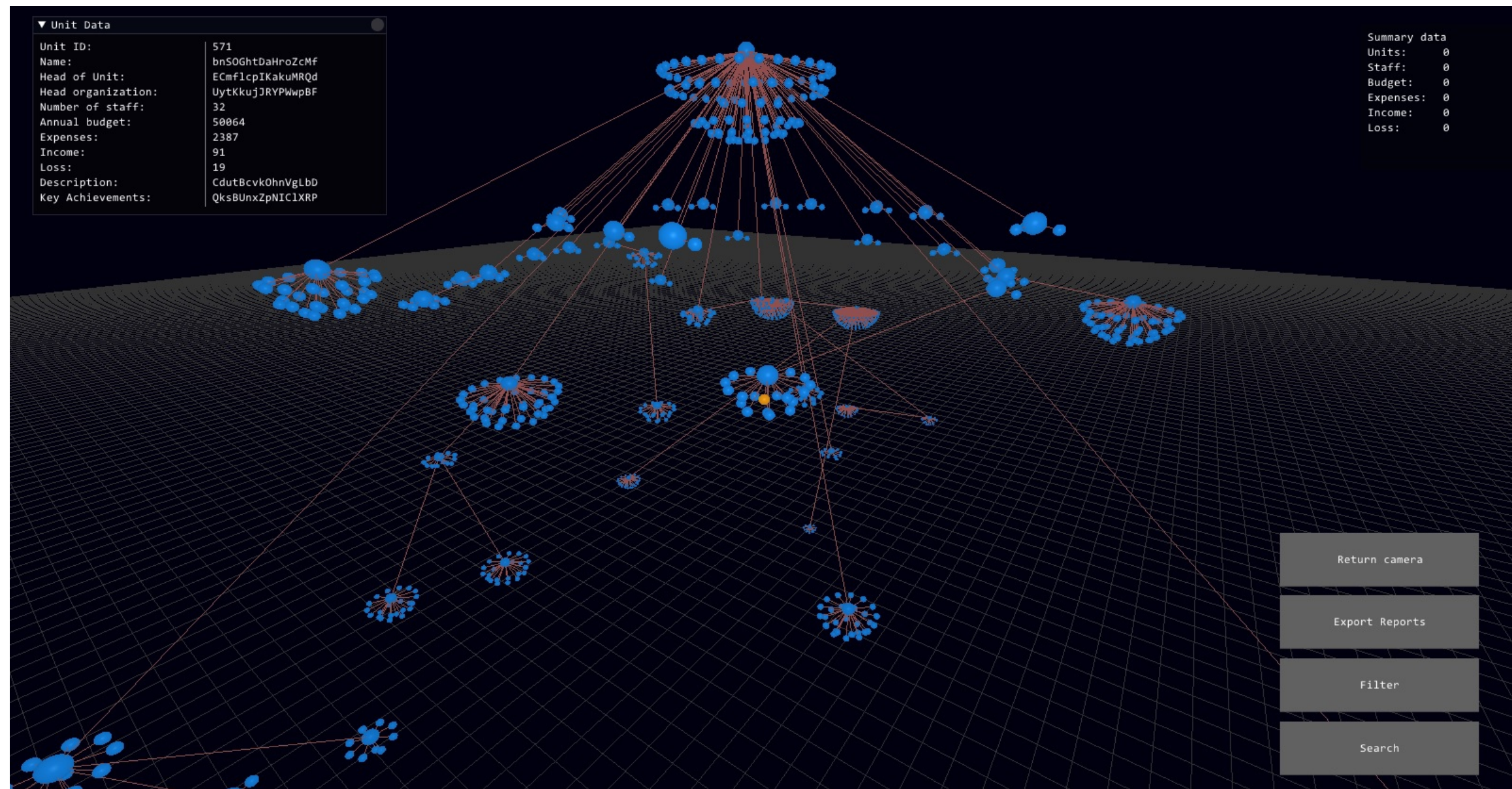
LungCancerCT (beta)

detection of nodes and shadows from 3 mm

accuracy
90%



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**The platform is designed to completely change the understanding of what tools can be used to manage the Government.
The software can digitize every government employee or department**



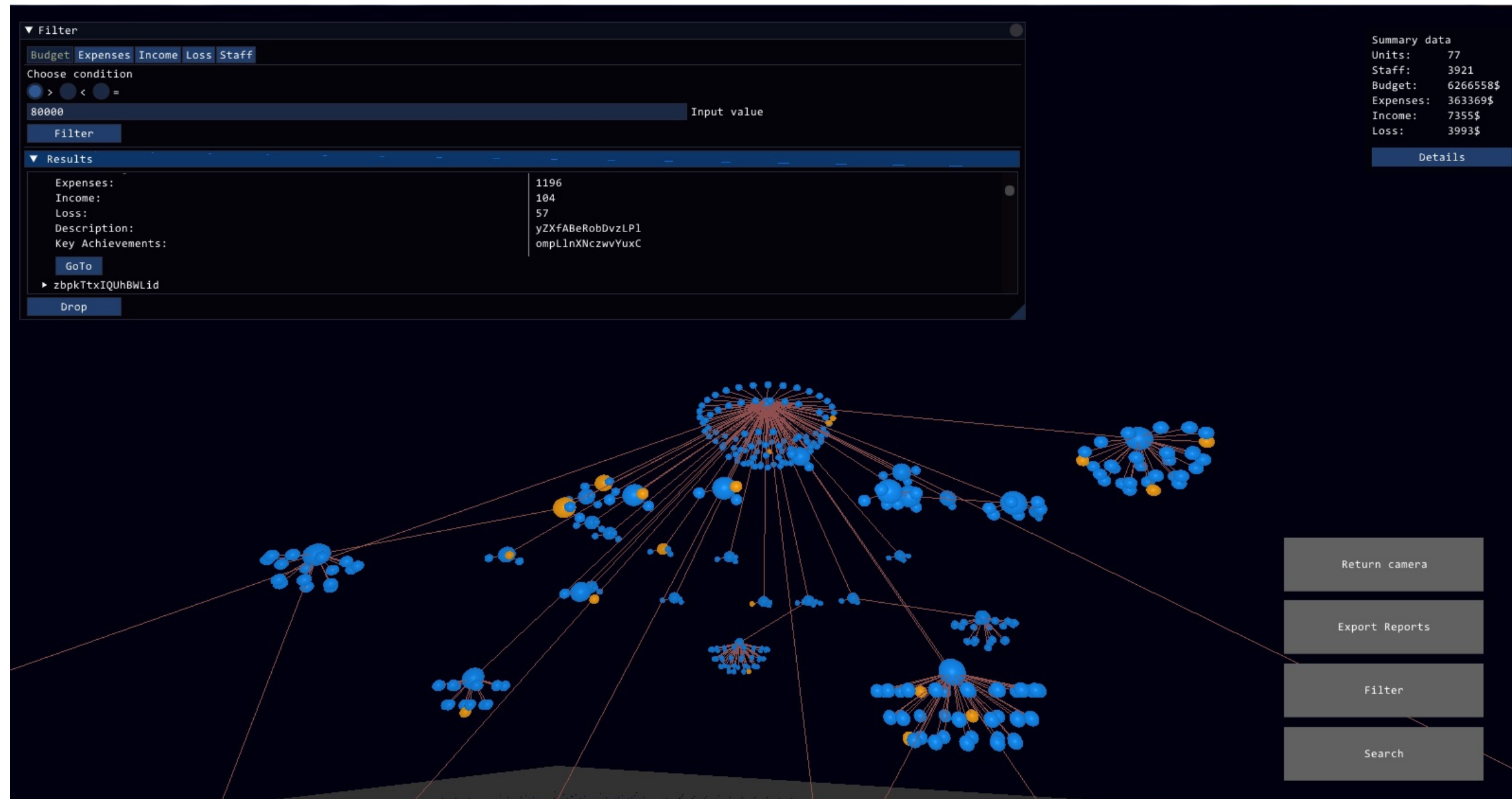
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Full transparency of financial and human resources, direct access to every report, description of a task or problem.



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The developers claim that the new solution can make the work of Governments and large companies more efficient.
Speed up your work 1000 times



In general, Kazakhstan has already formulated its proposal for many other digital solutions, which we are ready to provide free of charge for Central Asian countries and beyond.

These are 20 more solutions in the field of public services, cloud document management, taxation, customs procedures, etc.

All these have been stable and ready-made developments for several years.

