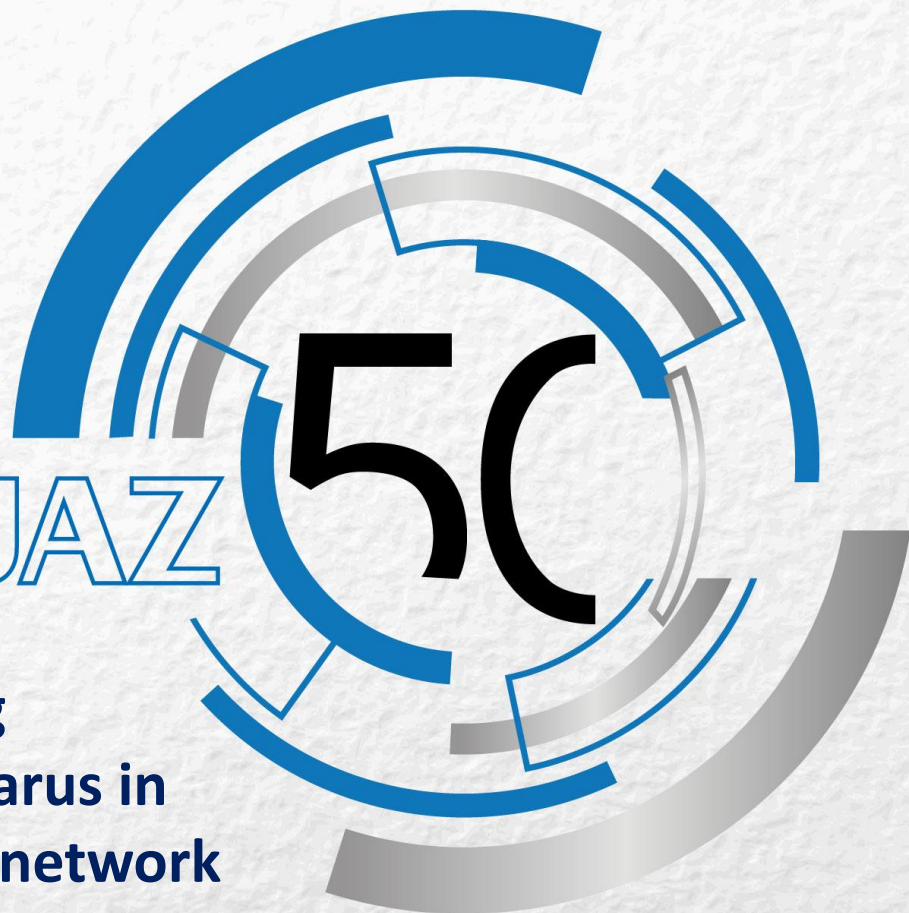


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**OJSC “Giprosvjaz” is the leading
company of the Republic of Belarus in
the area of telecommunication network
design with 50 years’ experience**



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The company possesses the unique experience in the field of designing

Preparation of pre-project documentation for equipping the railway with radio communication **(Azerbaijan)**

Development of the construction project of the network, GSM-R on the railway **(Belarus)**

Preparation and implementation of the frequency-territorial plan for digital television. Development of technical regulatory legal acts in the field of digital television **(Kazakhstan)**

Development of the frequency-territorial plan for digital television. Scientific and technical support for the introduction of digital television **(Belarus)**

Development of working documentation on the communication network of the nuclear power plant **(Russia)**

Hundreds of national significance projects have been implemented including:

mobile networks

broadband wireless networks

multi-purpose
technological networks

digital trunking networks

fixed wireless networks for data transfer,
T&C signals, alarm systems

The company performs functions of the general designer and develops:

architectural and constructional design of radiocommunication and broadcasting objects, buildings and constructions of any difficulty

reconstruction projects of telecommunication objects

chapters of the overall project documentation for building design of any difficulty

pre-project (pre-investment) justification



The company provides comprehensive design of:

linear-cable systems

structured cabling systems

information transmission systems

switching centres and nodes

network management systems

multiservice networks

computer networks

passive optical networks

data centres

multi-purpose digital telecommunication
networks and broadcasting distribution networks

The performed works on design includes:

telecommunication services market analysis;

pre-project inspection;

primary data collection on the object;

development of individual elements of transport networks;

development of reconstruction and modernization design solutions for existing telecommunication objects;

supervision of prepared documentation until the entering into the official operation.

The long-standing experience has been gained in the design of integrated security systems for large objects as well as design of separate subsystems of:

fire alarm;

security system for buildings and territories;

security video surveillance;

access control and restriction.

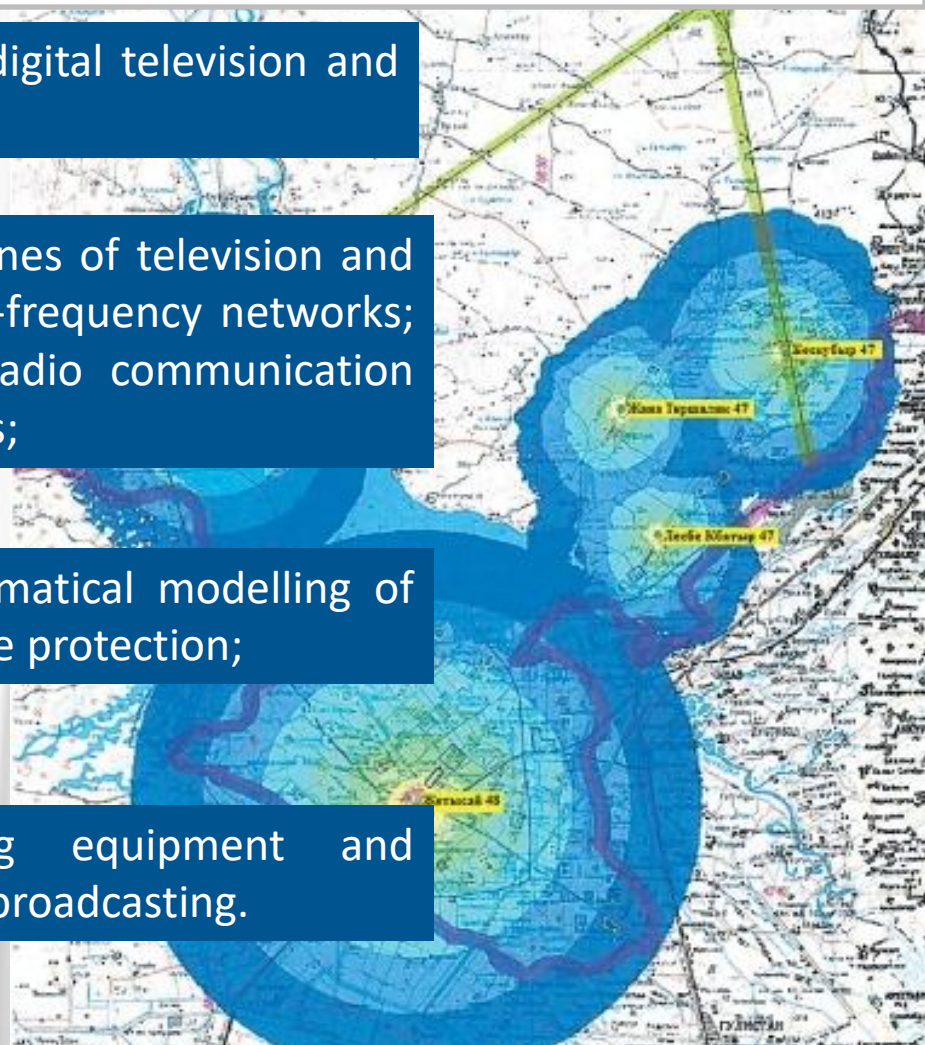
The company:

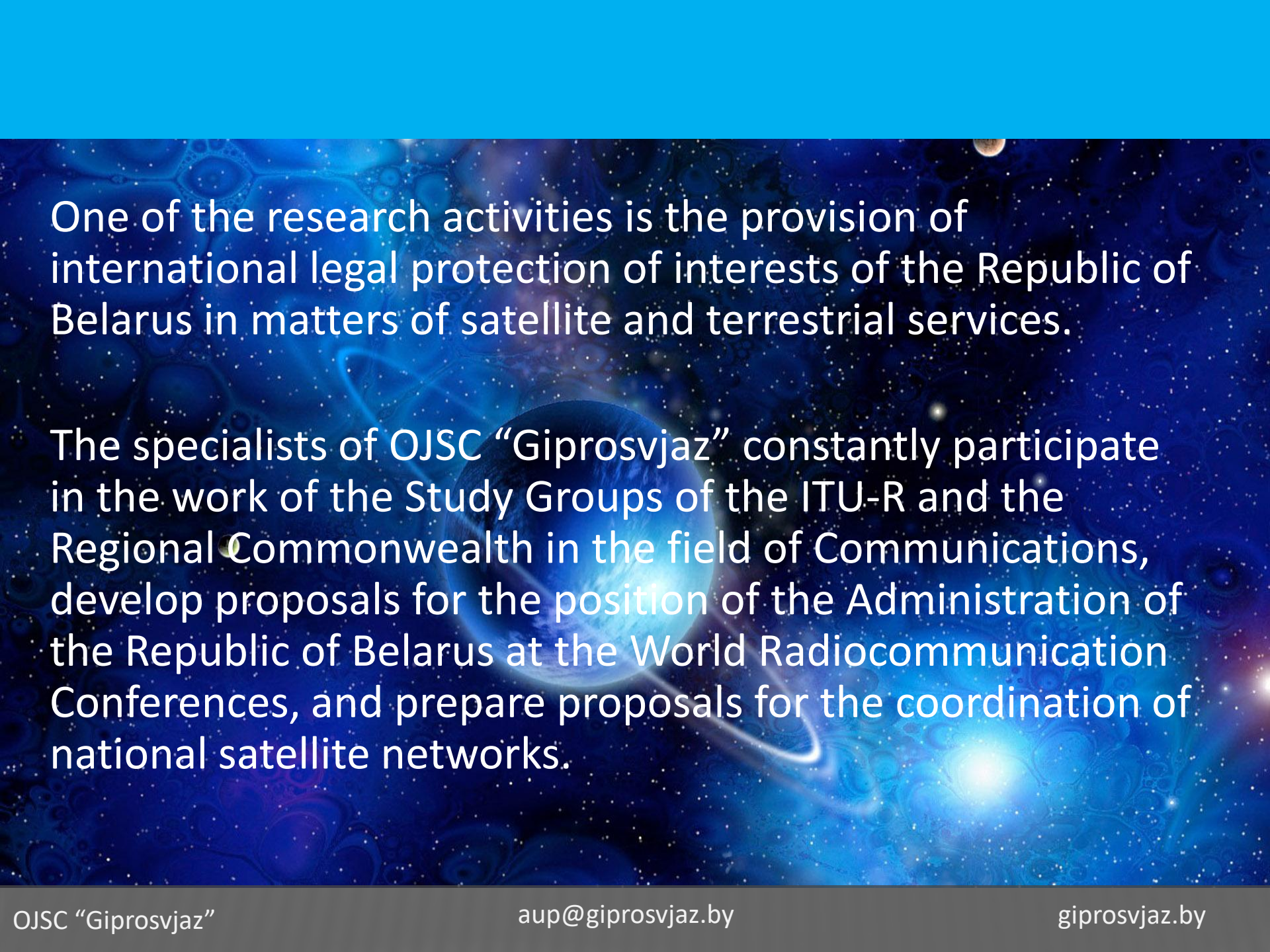
conducts various R&D projects in the field of digital television and audio broadcasting implementation;

performs calculating of consistent reception zones of television and audio broadcasting signals in single- and multi-frequency networks;
performs calculating of frequency plans of radio communication systems, modelling of consistent reception zones;

solves scientific and technical tasks of mathematical modelling of networks functioning, increasing the interference protection;

provides consulting services in choosing equipment and implementation for digital television and audio broadcasting.



The background of the slide is a vibrant blue space-themed image. It features a central view of the Earth from space, showing the horizon and some clouds. Surrounding the Earth are various celestial elements: a bright, glowing spiral galaxy in the lower right, a ringed planet (like Saturn) in the upper left, and numerous smaller stars and nebulae scattered across the deep blue background. The overall effect is a sense of vastness and technological advancement in space exploration and communication.

One of the research activities is the provision of international legal protection of interests of the Republic of Belarus in matters of satellite and terrestrial services.

The specialists of OJSC “Giprosvjaz” constantly participate in the work of the Study Groups of the ITU-R and the Regional Commonwealth in the field of Communications, develop proposals for the position of the Administration of the Republic of Belarus at the World Radiocommunication Conferences, and prepare proposals for the coordination of national satellite networks.