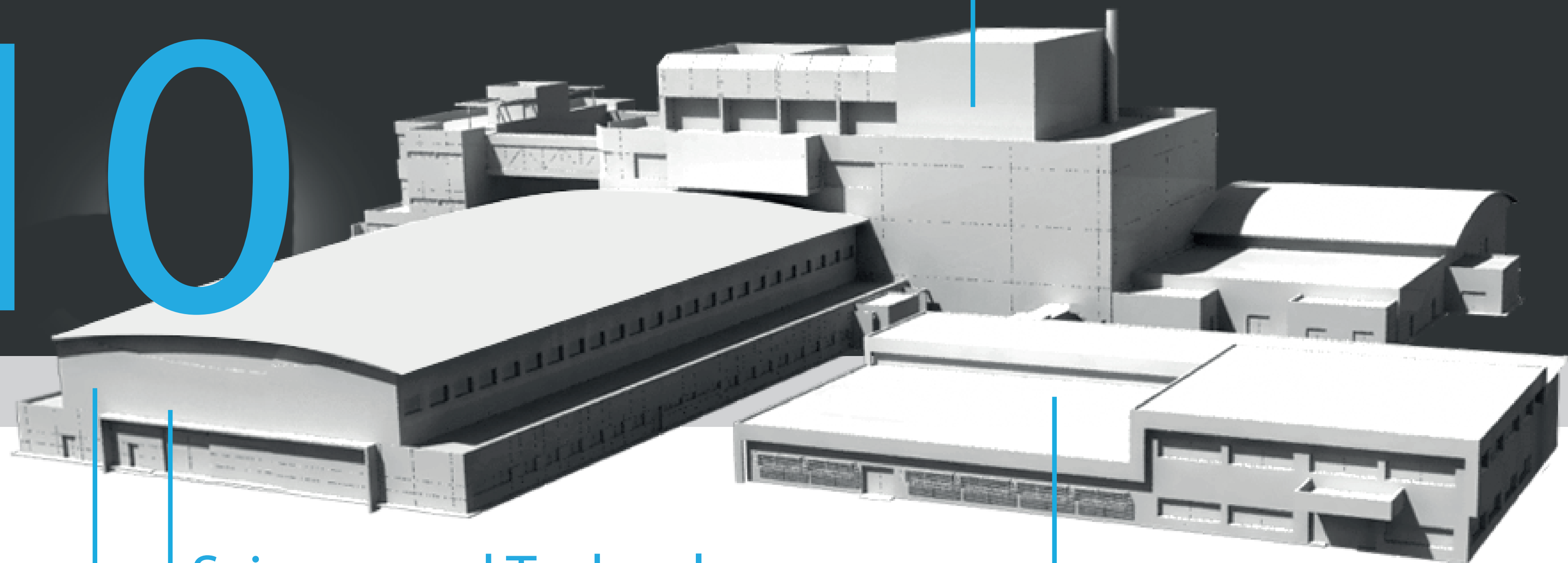


The RA-10 Multipurpose Nuclear Reactor will constitute a high level scientific and technological center. It will ensure medical use radioisotopes self-sufficiency, consolidate the skills of our country in the nuclear and conventional industry and open new opportunities in the scientific and technological system.

## Nuclear Industry

The RA-10 Reactor, together with the Laboratory for the Study of Irradiated Materials (LEMI), will allow to study the behavior of nuclear materials, expanding the skills to produce and qualify new fuels and components for future experimental and power reactors.

# RA-10



100%  
NATIONAL  
INDUSTRY



Ezeiza Atomic Center,  
Buenos Aires Province

## Industry

Other contribution of the RA-10 Reactor is the production of doped silicon, a very high quality raw material for the development of advanced electronic applications. Sources of industrial iridium will also be produced for the evaluation of the integrity and quality of large-scale constructions and industrial components.

## Science and Technology

The Argentine Neutron Beam Laboratory (LAHN) will be the first and only world class facility in Latin America to offer neutron techniques, becoming a scientific-technological hub for the creation of knowledge, innovation and technological development. Nowadays, neutron techniques are the most advanced tools for vanguard research and development in Materials Science, Biology and Biochemistry.

## Health

The RA-10 Reactor and the Radioisotope Production Facility (PPR) will meet national need and contribute to world demand on molybdenum-99 and other medical radioisotopes. Radioisotopes are increasingly being used throughout the world to diagnose diseases.