

## Preface

FIAMMA SPENA

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This “White Book” comes from an idea of Angela Bracco, supported by the Sogin’s Board of Commissioners and collects all the interventions delivered during the international workshop “Research plans for the Technology Park annexed to the Italian National near-surface Repository for radioactive waste”.

On 20th and 21st January 2023 over 50 experts from the major national and international institutions and scientific organizations came to Rome to discuss the current state of radiation protection and radioactive waste management research. The event was crucial for the exchange of experiences in a sector that requires innovative tools and solutions from both a scientific and technological point of view in a complex and constantly evolving context, such as the one in which Sogin operates.

As a result, this white paper collects interventions on new technologies for radioactive waste treatment and management, radioactivity detection for industrial purposes, measurements of radioactivity for the environment and characterisation of radioactive material, as well as the use and valorization of radioisotopes. These are all topics that Sogin has always been committed to.

Moreover, the Technology Park could become an Italian research centre with international scope, at the forefront of scientific and technological innovation.

The initiative demonstrates Sogin’s commitment to enhance Italian expertise in radiation protection, waste management, safety, and environmental protection.

Finally, I would like to thank all those who worked to make this event real. A special thank from myself and other components of top management, Angela Bracco and Giuseppe Maresca, to those who contributed with their ideas to this white paper.