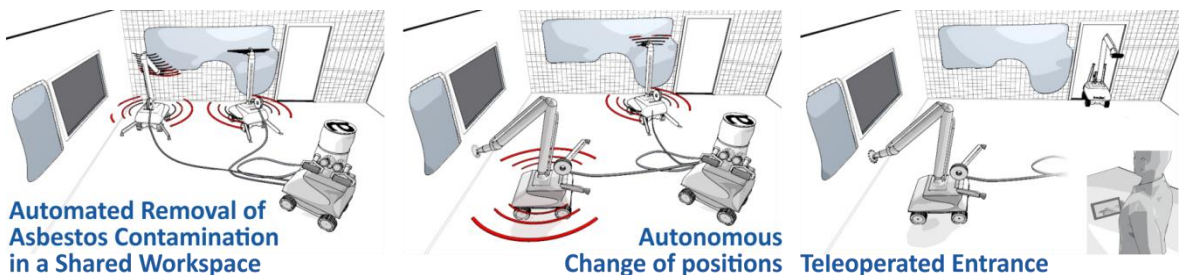


## **The Bots2ReC Project**

Despite the high degree of industrial automation, robotic solutions are not yet prevalent in construction and demolition industry. Most tasks are performed manually with the help of conventional electro-mechanic and hydraulic tools. Especially for hazardous environments, manual performance is very inefficient or even prohibited. One major market sector is the clearance and refurbishment of buildings contaminated with asbestos. Every exposure to asbestos fibers is highly hazardous to humans: Personal protective equipment of highest technological standards protects the worker but increases the costs and time to completion for clearance and refurbishment jobs. From this situation, the central project idea emerged:

**"Introducing, testing and validating an operational process for the automated removal of asbestos contamination at a real world rehabilitation site using a robotic system."**

The developed robotic system will consist of multiple robotic units, a central aspiration and energy supply and a central process control system, that allows easy programming and the supervision of the automated process and optional remote control. Sensor systems will allow the environmental perception of the system and local monitoring of the asbestos-removal-tasks.

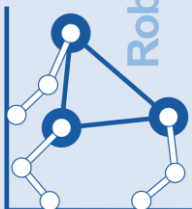


## **Advisory Board**

By establishing the Advisory Board we maintain close relationships with the worldwide industrial and research community and ensure that the Bots2ReC project stays at the leading edge of scientific developments. The Advisory Board is regularly informed on the progress of Bots2ReC project's development and provides feedback and ideas intended to shape and accelerate the formation of the Europe-wide integration.

**We invite interested companies and organizations to join the Advisory Board and benefit from a direct project feedback:**

- Get updates on the technological developments and achievements within the project.
- Participate in the development of the system architecture and the soft- and hardware.
- Participate in the development of approaches to address user- and regulatory issues.
- Review and discuss the scientific and technical information from the project network.
- Advise the project network on broad scientific matters in science, technology, social, economic and ethical issues.



### ***Registration form for the Bots2ReC Advisory Board***

After registration you will receive regular updates and the project newsletter on the recent developments in the Bots2Rec project and you will be invited to join the annual meetings of the Advisory Board for an extensive exchange and live demonstrations of the robotic system.

Please send a scan of the registration form to [bots2rec@igm.rwth-aachen.de](mailto:bots2rec@igm.rwth-aachen.de).

#### ***Registration details - organization***

**Full name of the organization:**

**Short name of the organization:**

**Street name or P.O. Box:**

**Street number:**

**Town:**

**Postal code:**

**Country:**

**Homepage:**

#### ***Registration details – main contact***

**Last name:**

**First name:**

**Title:**

**Gender:**

Female

Male

**Position in organization:**

**Phone:**

**Email**

**Signature of the main contact:** \_\_\_\_\_

Please send a scan of the registration form to [bots2rec@igm.rwth-aachen.de](mailto:bots2rec@igm.rwth-aachen.de).

[www.bots2rec.eu](http://www.bots2rec.eu)