

Sustainable Infrastructure Cluster

Polish technologies for sustainable construction and energy transition

UNIDO / TIGARA / ATCMA Workshop · Cairo, 1–2 September 2026



01 CLUSTER IDENTIFICATION



160+

total members



Kraków

Małopolska Region
Poland



ISO 9001
ISO 14001

certified · accredited training
provider



**Key National
Cluster**

recognised by the Ministry
of Development since 2016

SECTOR / INDUSTRY

Sustainable construction and energy transition – energy-efficient and passive buildings, net-zero and low-carbon construction, renewable energy systems, building automation and smart buildings, sustainable construction materials, circular economy in construction, green skills, research and pilot projects.

LOCATION

Kraków, Małopolska Region, Poland.

YEAR ESTABLISHED

2011.

02 CONTACT DETAILS



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03 SHORT CLUSTER DESCRIPTION

The Sustainable Infrastructure Cluster is one of the largest construction and energy clusters in Poland, connecting over 160 companies, universities, research institutes and public authorities. It works on the green transformation of the built environment: energy-efficient and net-zero buildings, renewable energy systems, building automation, sustainable materials and the circular economy in construction. The Cluster combines industrial capability with research and vocational training, holds ISO 9001 and ISO 14001 certification and is an accredited training provider, and has been recognised as a Key National Cluster by the Ministry of Development since 2016. Based in Kraków, it has experience in international EU-funded projects and acts as a bridge between Polish technology providers and partners abroad.



04 WHAT WE OFFER

**Business cooperation & market access**

Matchmaking with Polish companies · identification of technology suppliers and solution providers · support for market entry and international partnerships.

**Technology & innovation partnerships**

Joint R&D and demonstration projects · technology transfer and pilot implementations · cooperation between research organisations and industry.

**Capacity building & training**

Vocational education programmes · green skills and energy transition training · exchange of best practices and study visits.

AREAS OF EXPERTISE IN THE MEMBER BASE

- Energy-efficient and passive buildings
- Renewable energy systems
- Building automation and smart buildings
- Circular economy in construction
- Net-zero and low-carbon construction
- Sustainable construction materials
- Vocational education and green skills
- Research, innovation and pilot projects

05 WHAT WE ARE LOOKING FOR

- Construction companies, developers and investors
- Research and innovation organisations
- Industry associations and clusters
- Renewable energy companies and smart city stakeholders
- Vocational education institutions
- Public authorities responsible for sustainable urban development

06 POTENTIAL AREAS OF COOPERATION WITH EGYPT / AFRICA

Energy-efficient buildings for hot climates

Passive and low-carbon building solutions, building automation and renewable energy integration.

Circular construction and green technologies

Circular-economy solutions and sustainable materials for construction value chains.

Workforce development and green skills

Vocational training programmes, certification and study visits for construction and energy professionals.

Renewable energy and smart cities

Renewable energy integration in buildings and infrastructure, and sustainable urban development projects.

Technology transfer and pilot projects

Joint R&D, demonstration and pilot implementations with Egyptian and African partners.

Cluster-to-cluster and EU-funded projects

Joint international project consortia and cluster partnerships building on the Cluster's EU project experience.

07 ACHIEVEMENTS / REFERENCES

- Recognised as a Key National Cluster by the Ministry of Development since 2016.
- ISO 9001 and ISO 14001 certified; accredited training provider.
- Experience in EU-funded international projects on sustainable construction, energy transition and green skills.