

Bydgoszcz Industrial Cluster Tool Valley



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



01 CLUSTER IDENTIFICATION



158

members
of which 119 companies



2006

established
Bydgoszcz, Poland



INNOFORM

owner of the international
tool & processing trade fair



Key National Cluster

since 2016
ELCA · ECP4 · ISTMA

SECTOR / INDUSTRY

Toolmaking and polymer processing – plastics recycling, advanced manufacturing, industrial automation, robotics, digitalisation and innovative packaging materials.

LOCATION

Bydgoszcz, Kuyavian-Pomeranian Voivodeship, Poland.

MEMBERSHIP DETAIL

158 members in total, including 119 companies, alongside research organisations, universities and business support institutions covering the full value chain of toolmaking and polymer processing.

02 CONTACT DETAILS



Michał Siudziński



+48 690 127 180



m.siudzinski@klaster.bydgoszcz.pl



toolvalley.eu

linkedin.com/company/bydgoszcz-industrial-cluster

03 SHORT CLUSTER DESCRIPTION

Bydgoszcz Industrial Cluster Tool Valley brings together companies and institutions active in polymer processing and toolmaking, plastics recycling and advanced packaging materials manufacturing. Its mission is to strengthen innovation and competitiveness through cooperation between industry, research organisations, universities and business support institutions. The Cluster offers expertise in packaging, tooling, injection moulding, polymer technologies, automation, robotics, digital transformation and industrial cooperation. It has held the status of Polish National Key Cluster since 2016 and actively supports internationalisation, technology transfer and joint innovation projects.



04 WHAT WE OFFER

**Products**

Moulds and specialised tooling; plastic products across the full range; advanced packaging materials including films and plastics for the food industry and other sectors.

**Technologies**

Injection moulding and other polymer processing technologies, plastics recycling solutions, industrial automation and robotics, machinery, engineering, prototyping and technical services.

**Services**

Business matchmaking and partner search, technology transfer, internationalisation support, training, and joint research and investment projects.

**Access to suppliers**

The Cluster connects international partners with specialised Polish suppliers and technology providers experienced in export markets.

05 WHAT WE ARE LOOKING FOR

- Industrial partners, distributors, technology providers and investors for long-term cooperation.
- Partnerships with companies in Egypt and other African markets in manufacturing, polymer processing, toolmaking, recycling, automation and advanced materials.
- Joint R&D and innovation projects, technology transfer, business missions, supplier partnerships and joint ventures.
- Research organisations and business support institutions able to connect Polish industrial companies with local manufacturers and end-users.

06 POTENTIAL AREAS OF COOPERATION WITH EGYPT / AFRICA

Packaging and plastic products

Films and plastics for the food industry and other sectors, and plastic products for every industry – the Cluster's priority offer for Egyptian and African partners.

Plastics recycling and circular economy

Recycling technologies and circular-economy solutions for plastics value chains.

Advanced and lightweight materials

Advanced and lightweight material solutions, building on the Cluster's work in ELCA and ECP4.

Toolmaking and mould production

Moulds and specialised tooling, together with polymer and plastics processing capacity.

Automation, robotics, digitalisation

Industrial automation and robotics and the digitalisation of manufacturing.

Value-chain modernisation

Exchange of industrial know-how, modern production technologies and joint business and innovation projects with Egyptian and African companies.

07 ACHIEVEMENTS / REFERENCES

- One of Poland's key cooperation platforms for the toolmaking and polymer processing industries; Polish National Key Cluster since 2016.
- Member of the European Lightweight Cluster Alliance (ELCA), the European Composites, Plastics and Polymer Processing Platform (ECP4) and ISTMA.
- Initiator and partner in national and international projects on innovation, advanced materials, industrial transformation and skills.
- Owner of INNOFORM, the International Cooperative Trade Fair for the Tool and Processing Industry.