This article is about A Contribution to Nanotechnology Development Strategy in an area in Poland.

This approach identifies nanotechnologies that offer high socio-economic benefits in the long run.

**SECTION II.**

## **Background Literature**

The authors agree that road mapping helps national challenges in technologies, products, applications, markets, and society.

The vital element of road mapping is the time factor.

**SECTION III.**

## **Foresight in Shaping the Technological Development Strategy of a Region**

A combination of regional foresight with technology road mapping would prove valuable on both scientific and policy levels.

**SECTION IV.**

## **"NT FOR Podlaskie 2020": Rationale and Methodology**

### **Rationale, Scope, and Aims of the Project**

They got grants from the EU Operational Program between 2007 to 2013 for places where traditional industries couldn't develop.

More than 160 experts were involved in the project.

**B. Research Methodology Implemented in the Project**

In this section, to include road mapping in the research process, we need to demonstrate the interrelationship between resources, R&D, and market

They used nine methods, such as SWOT and brainstorming.

Used methods are shown in fig. 2.

**SECTION V.**

## **Methodological Framework for Roadmap Development**

## **Technology Mapping**

The stages of technology mapping were: literature studies, technology matrix, collecting information, selecting data, analyzing the links, and showing them in graphs.

**SECTION VI.**

## **Results**

## **Key Nanotechnologies**

The final technologies were : NT for cutting tools, dental filling composite, medical equipment, biomedical applications, dressings, plastics processing, and Nano-structuring technologies.

### **C. Scenarios for Nanotechnology Development**

65 factors were formulated in four scenarios. Also, R&D potential and collaboration in academia, business, and administration are NT driving forces.

### **D. Roadmaps**

The financial outlay has been estimated at 1.5 to 15 million Dollars.

### **E. Strategy of Nanotechnology** **Development**

As you can see on the map, the development strategy is divided into four parts: Research, nanotechnology, commercialization, and education.

**SECTION VII.**

### **Discussion**

In conclusion, they point to two factors for developing nanotechnologies: high R&D potential and networks. And they can invest in innovation in universities, local government, and civil society.