

Trakia Silicon Valley

The 1st High-Tech Carbon-Neutral
Industrial Zone of South-East Europe





Project Intro

Trakia Silicon Valley

Europe's First Carbon-Neutral High-Tech
Industrial Zone in Southeast Europe

Trakia Silicon Valley (TSV) is an ambitious project to establish a next-generation microelectronics and high-technology ecosystem in Plovdiv, Bulgaria. The project aims to combine advanced industrial infrastructure, research and development facilities, and talent development programs within a sustainable and carbon-neutral industrial park.

TSV is developed within the **Trakia Economic Zone**, Bulgaria's most successful industrial zone with over 30 years of experience attracting international investors.

The goal is to create a regional hub for high-tech manufacturing and innovation that supports Europe's growing demand for semiconductor and advanced technology production.



Mission

Our mission is to build a world-class microelectronics ecosystem that combines technological innovation with environmental sustainability.

Trakia Silicon Valley will:

- ✓ Create a carbon-neutral industrial park
- ✓ Support advanced manufacturing and R&D
- ✓ Train highly skilled engineers
- ✓ Contribute to Europe's strategic technology independence

By integrating industry, academia, and clean energy infrastructure, the project will establish a new standard for sustainable high-technology development in Europe.

Global Industry Trends

Silicon at the Core

powers everything from smart devices to EVs, expanding into compound semicon like SiC/GaN

European Onshoring

EU's €43B CHIPS Act boosts local chip production as well as R&D - complementing Asian reliance

Sustainability

green microelectronics cuts energy usage by 75% and adopts recycling of rare earth-metal

Supply Chain Resilience

secure the EU supply chain both in terms of capability and capacity

Smart Automation

industry 4.0 and IoT enable greater productivity, safety, and comfort

Circular Economy

e-waste recycling and critical material reuse are now industry imperatives

Bulgaria's Strategic Advantages

Strategic Location

At the crossroads of Europe & Asia.

EU, Schengen and NATO member ensuring stability and market access.

Economic Benefits

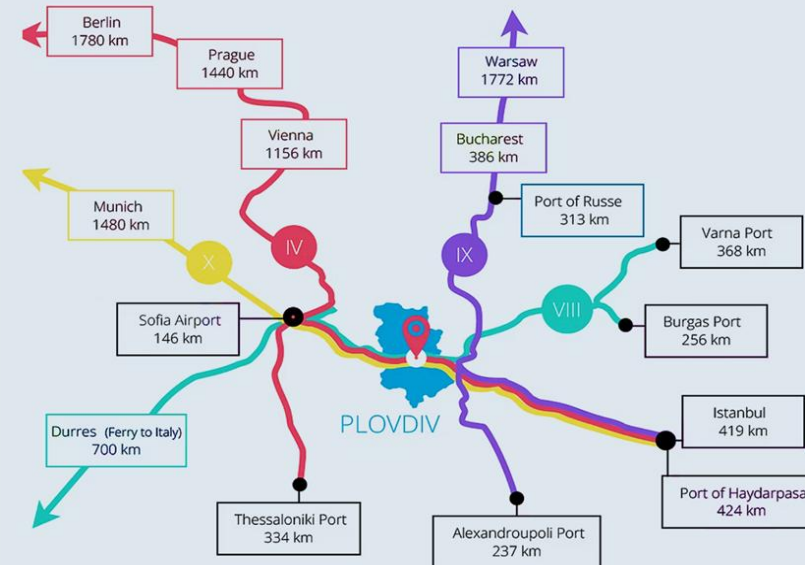
Fast-growing economy with the lowest operational costs in the EU.

10% corporate tax and 10% personal income tax.

Talent & Support

Skilled workforce supported by universities and high schools.

Strong government support for investment and innovation.





Plovdiv Second-Largest City

Industrial Zone

Bulgaria's manufacturing hub producing skilled engineering workforce across diverse engineering sectors, driving regional growth and innovation.

Cost-Effective

competitive industrial land prices with modern infrastructure, reliable utilities, and excellent transportation.

Talent Rich

eight universities providing a steady supply of skilled STEM graduates, complemented by Bulgarian students returning from prestigious Western universities with international expertise.

Cultural Hub

two-time European Capital of Culture blending innovation with 8,000 years of heritage.



The TSV Concept



Low Carbon Footprint

the first in Europe high-tech industrial low carbon zone



R&D Labs & Training

talent training hub and infrastructure for research & certification



Vertical Markets

focus on Automotive, Robotics, HPC, Renewables, Biomed & Aerospace



Academia Partners

TU Plovdiv, University of Glasgow and others



Production & Development

for green European microelectronics



Key Players - Bulgaria

Milara, Sensata, Melexis, Broadcom, Global Foundries, Renesas, LEM ...

Trakia Economic Zone



TEZ, as strategic TSV partner, exemplifies Bulgaria's ability to support industrial projects and attract international investment, serving as a cornerstone for project's realisation and economic growth in the region.

€3.5B

Worth of Investment

total capital attracted to the zone, driving regional economic development

30Y

Experience

three decades of successful industrial zone management expertise

200+

Attracted Companies

diverse portfolio of local and international enterprises across multiple sectors

5

Occupied Zones

strategically located clusters fostering industry collaboration and growth

320ha

Occupied Area

extensive developed industrial land with modern infrastructure and facilities

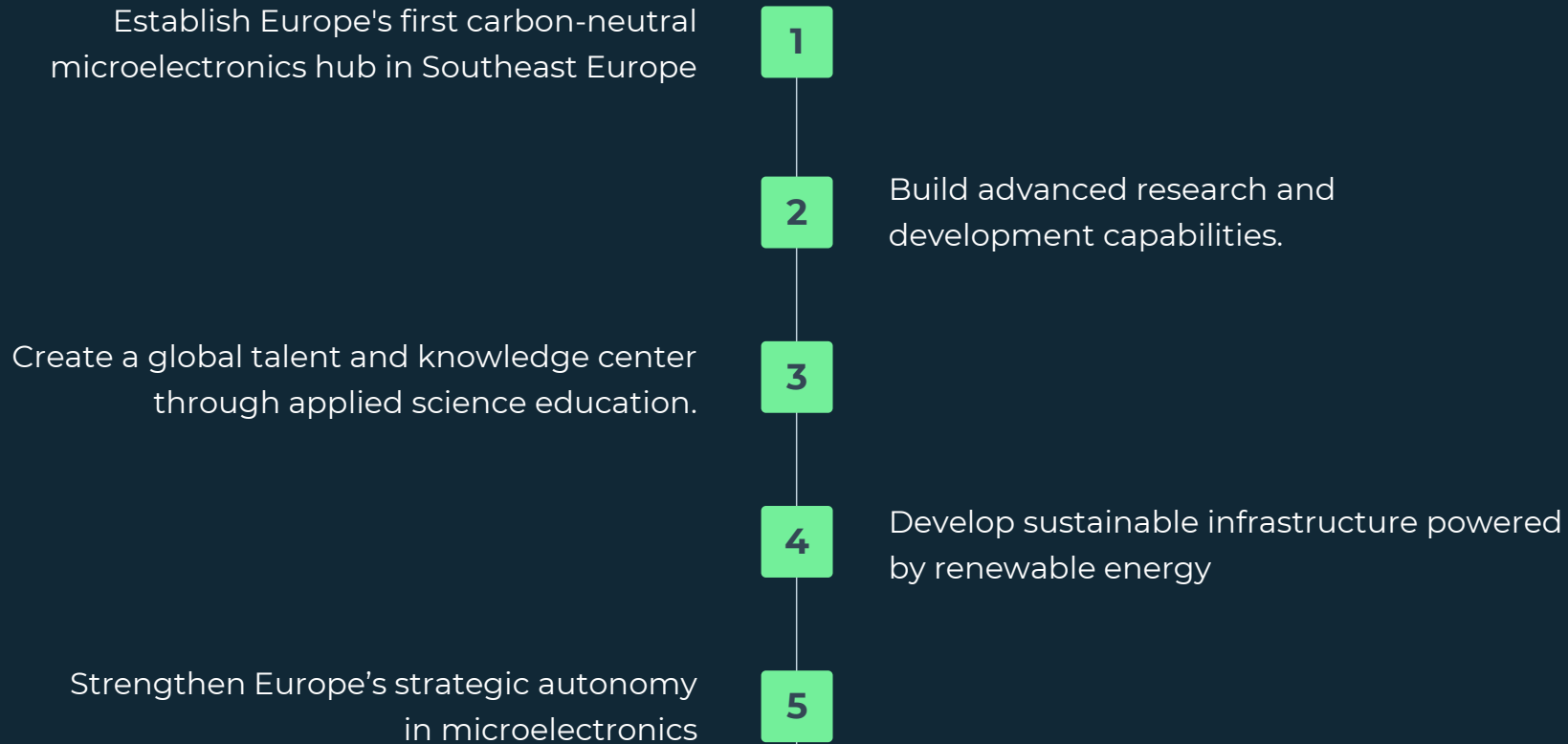
35K

Employed in TEZ

creating sustainable jobs and contributing to regional prosperity

Trakia Silicon Valley

Strategic Roadmap



R&D Excellence and Developing Future Talent



Academic Partnerships

Our Trakia Upskill Academy collaborates with TU Plovdiv & University of Glasgow



Facilities & Resources

State-of-the-art R&D labs and training hub for certification & development



Community Integration

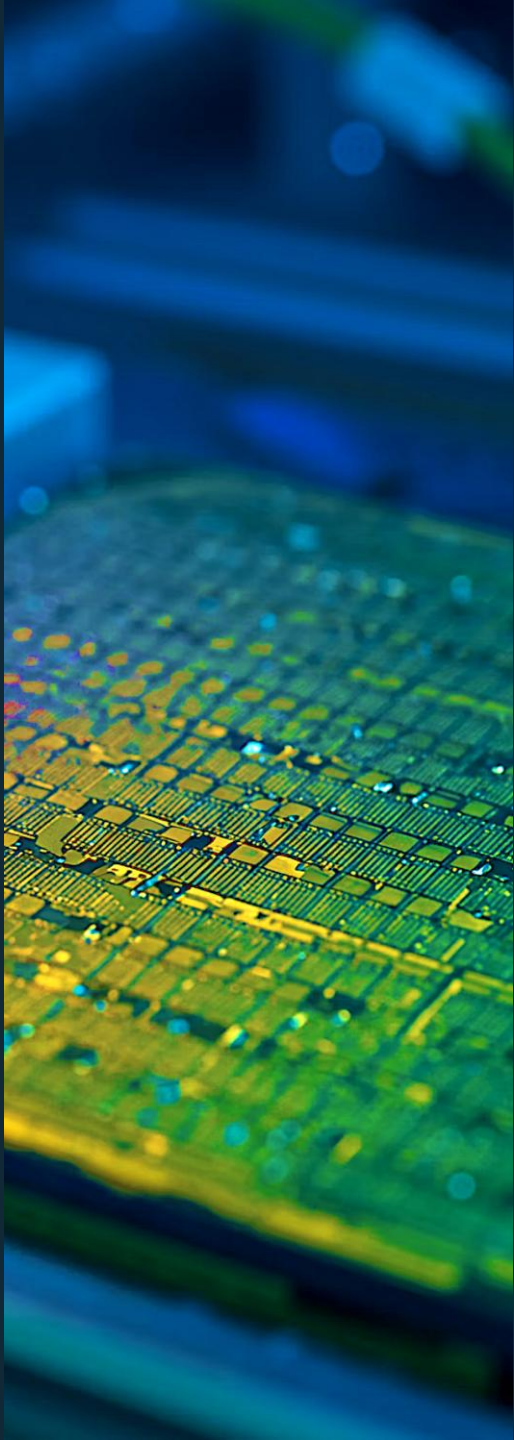
Pilot lines, workshops, and engineering talks to engage the engineering community



Product Certification

Comprehensive on-site testing facilities compliant with EU and global standards, significantly reducing time-to-market

Trakia Silicon Valley fosters innovation through strategic academic partnerships, state-of-the-art R&D facilities, and community engagement to create a thriving research ecosystem that connects academia with industry.

A close-up, artistic photograph of a microchip, showing its intricate circuitry and grid-like patterns. The image is bathed in a cool blue light, with some areas reflecting a greenish-yellow glow, possibly from a microscope or specialized lighting. The focus is sharp on the central part of the chip, with the edges and background slightly blurred.

Why the Main Focus in TSV is on Microelectronics

\$1T

Industry by 2030

semiconductors fuel global tech, driven
by EVs/AI/Consumer

33%

System Value Growth

electronics now dominate many end
products' value

6+

Key Verticals

sautomotive, renewables, biomedical, HPC,
robotics and aerospace lead European
microelectronics innovation

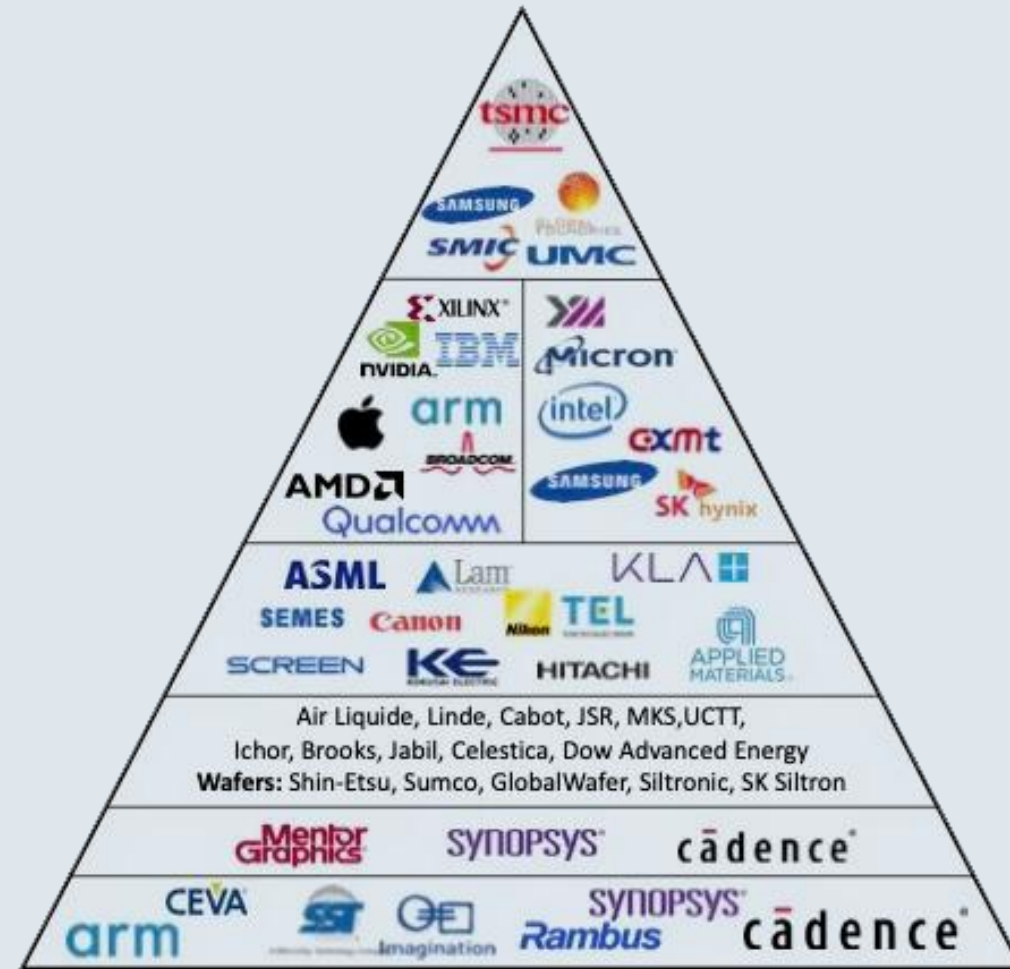
90%

EU Silicon Demand

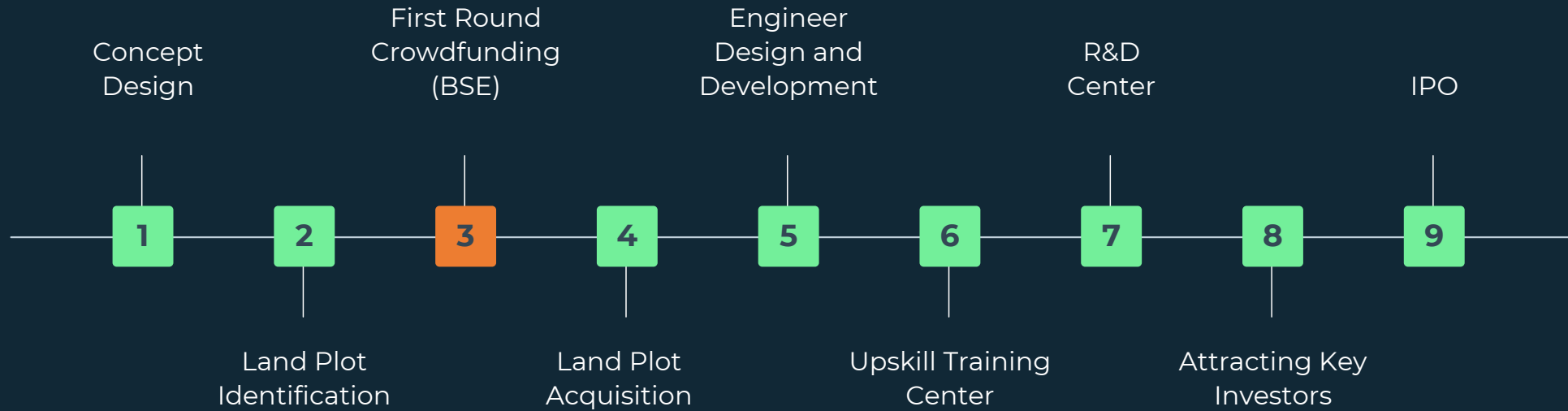
is imported, creating urgent local
production needs (EU Chips Act)

Semiconductor Value Chain

- FABs (Pure-play, IDM)
- Design Houses (FAB-less)
- Packaging & Test Houses
- Equipment Manufacturers
- Materials Suppliers
- CAD & IP Providers



Development Roadmap of the Investment





Investment Highlights

Appx. 75K sq.m.

Total Area

Land plot location
Plovdiv

€ 6.5M

Total Investment Value

Land plot for industrial and
commercial development with built
infrastructure



Investment Financing Structure

up to €2M

Target Investment Size

Equity increase by raising funds through the Bulgarian Stock Exchange Crowdfunding Platform

up to 45% equity

Capital Increase

Possibility for early investors to capitalize on high value projects

Purpose of the New Funds

Total Investment Value

The funds raised from the equity increase will be used for equity contribution to acquire the identified land plot and kick-off brand identity establishment process.

Thank you!

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