

**Polish Digital Resilience Agenda 2040**

a model of strategic preparedness  
for the antinomies of digitalisation.

# Scenario: Between automation and the social value of work

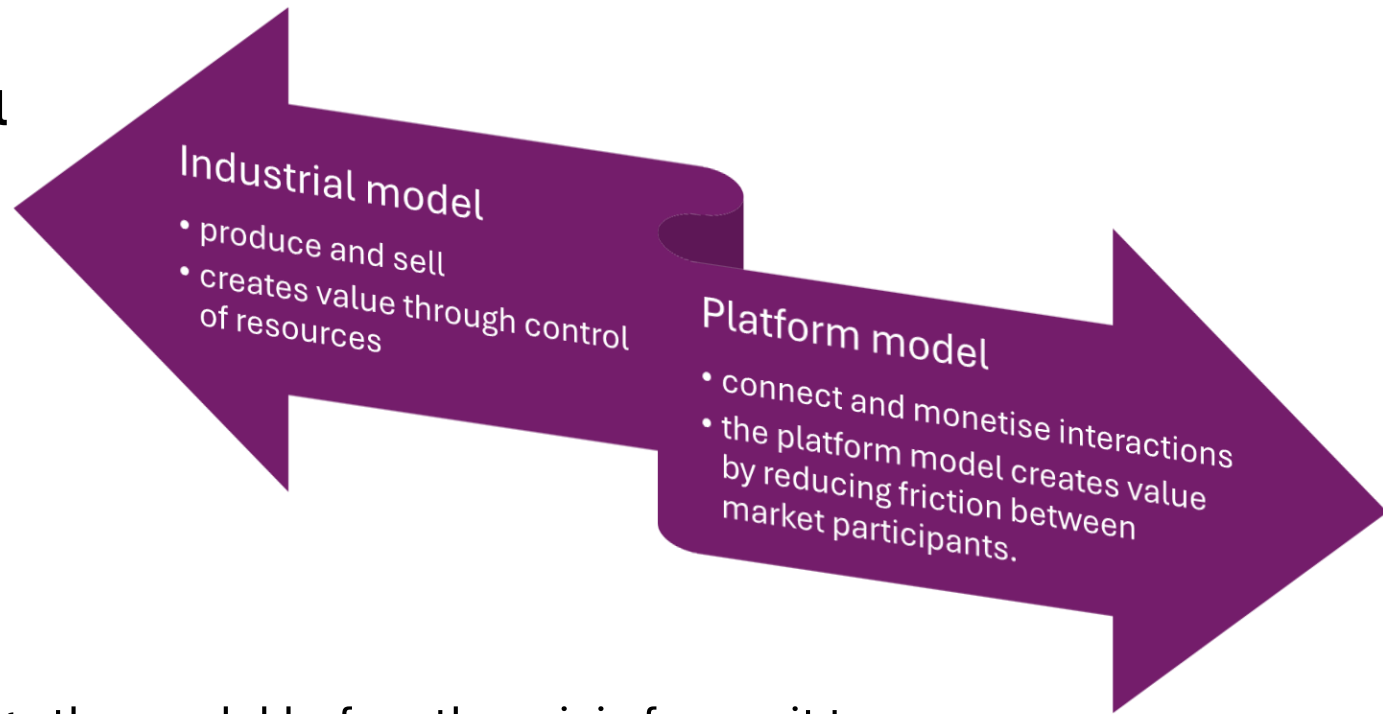
strategic area: Economy and business  
competitiveness

Poland in the face of civilizational revaluation of foundations

# Prologue: the end of the industrial era

## Three pillars of the new digital economy:

- data as raw material,
- network effects as a growth mechanism,
- platforms as infrastructure.



## Strategic challenges:

- Will Poland have time to change the model before the crisis forces it to do so?
- The scenario does not ask whether the transformation will take place - it asks who will manage to get on the right side before the decision window closes in 2028.

# Act I: Crisis 2026–2028 (catalyst)

- GDP –8–12% at peak
- unemployment 15–18%
- breakdown of traditional supply chains (just-in-time → just-in-case)
- step-by-step automation as a market response
- the end of the cheap production model.
- The crisis is not an accident - it is a necessary shock that the old model brought on itself.

# Quantum breakthrough 2029: QCaaS

Quantum Computing as a Service - democratizing computing power.

## Applications:

- molecular simulations (pharmaceuticals),
- logistics optimisation,
- new high-margin products.

## Result:

- SMEs and craft businesses gain access to tools previously reserved for large corporations.
- A new opportunity for medium-sized Polish companies.

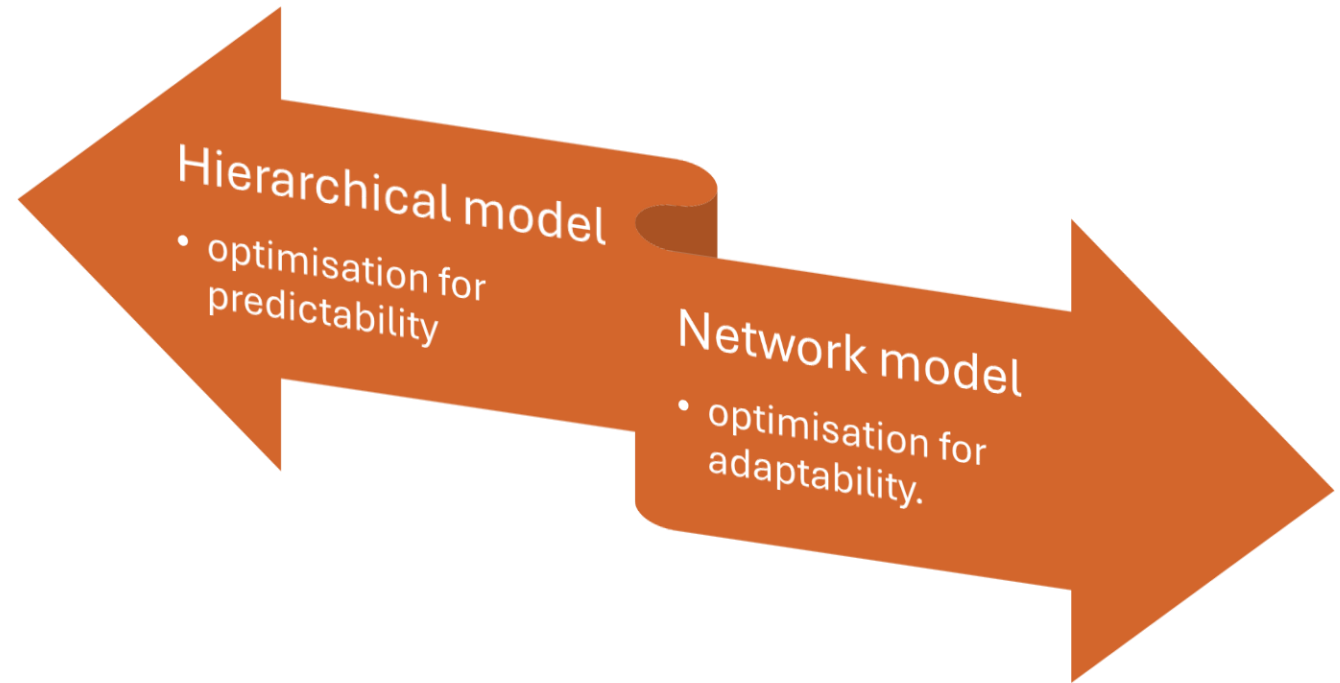
# Act II: The Agility 2.0 model

## Hybrid products:

- high-quality physical goods and digital services (digital twins, blockchain certificates).

## The 'just-in-case' philosophy:

- buffers, reshoring, local production, flat organisational structures, temporary staff, open innovation ecosystems.



# Four archetypes of success

Enterprises should optimize their strategies to one of the archetypes as quickly as possible

Archetype	Profile	Advantage
<b>Quantum Jumper</b>	Frontier tech, AI, biotech	Monopoly on innovation
<b>Hybrid Artisan</b>	Manual and digital	Unique physical value
<b>Ecosystem Builder</b>	Local cooperatives	Regional immunity
<b>Regulatory Navigator</b>	ESG, AI Act, CBAM	Access to the EU market

# Redefining the value of work

## The middle-class identity crisis:

office work is losing its prestige. The rehabilitation of craftsmanship, care work and culture — an increase in their social value.

## The Social Credit System:

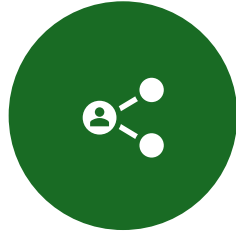
non-financial prestige as the currency of a new era.

Where does a person derive their dignity from when AI takes over cognitive tasks?

# The EU's climate police



From 2030, mandatory carbon footprint certification for entire supply chains.



Market segmentation: 'green' companies (preferred suppliers) vs. 'climate laggards' (excluded from tenders).



Reshoring as an ecological and strategic necessity.



Consequences for Polish exporters: mandatory ESG as a condition for entering the EU market.



# Act III: The New Balance 2033–2040

## Unconditional Basic Income (UBI):

- pilot scheme 2031–33,
- widespread implementation after 2033
- guaranteed minimum income.

## Regulatory decentralisation:

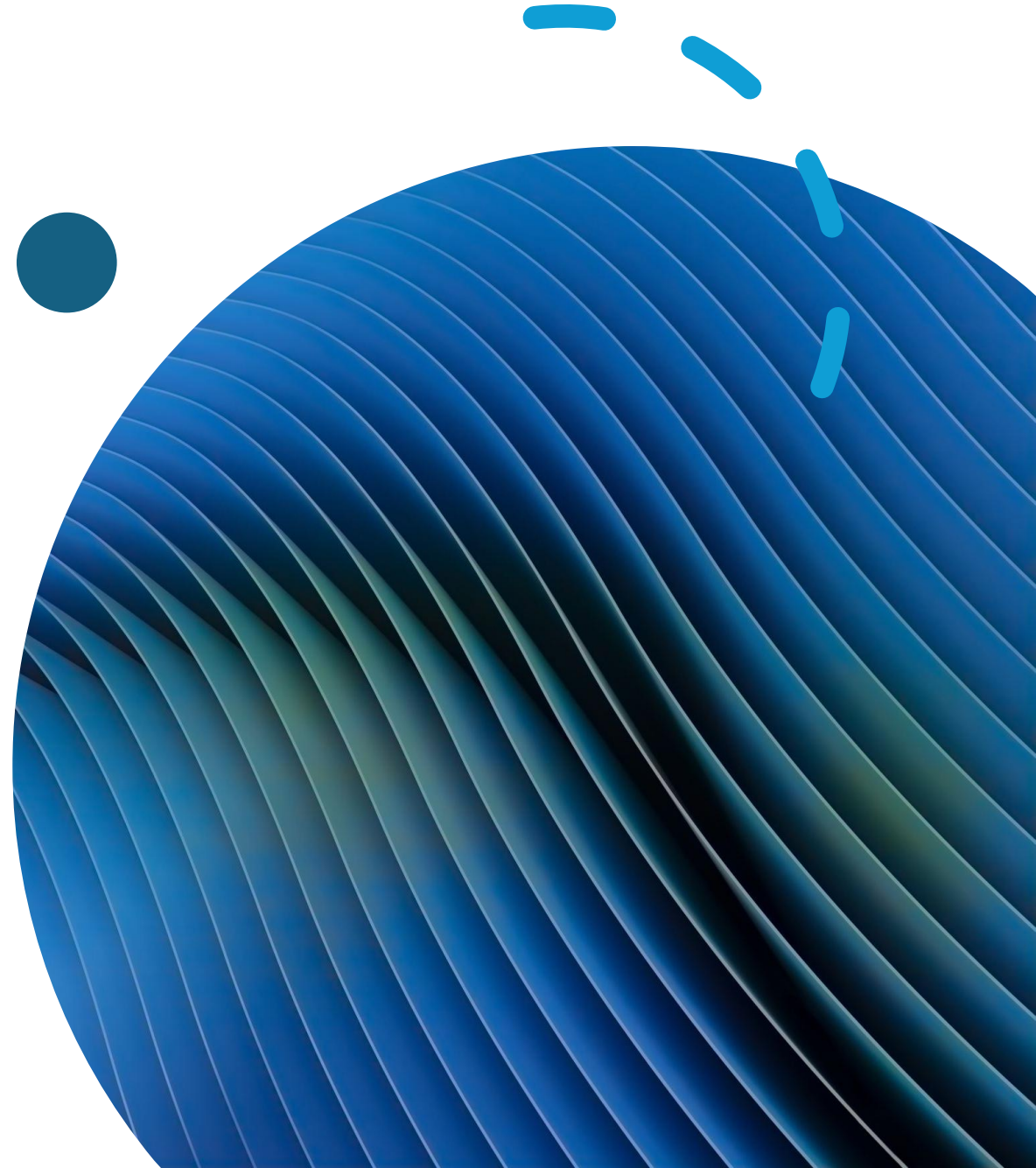
- regional autonomy,
- local economic policies.

## New forms of work organisation:

- fluid professional identities instead of permanent jobs.

## Post-work society:

- work as a choice and a source of meaning, not a necessity.



## Systemic tensions

the digital divide between the digital elite and the excluded;

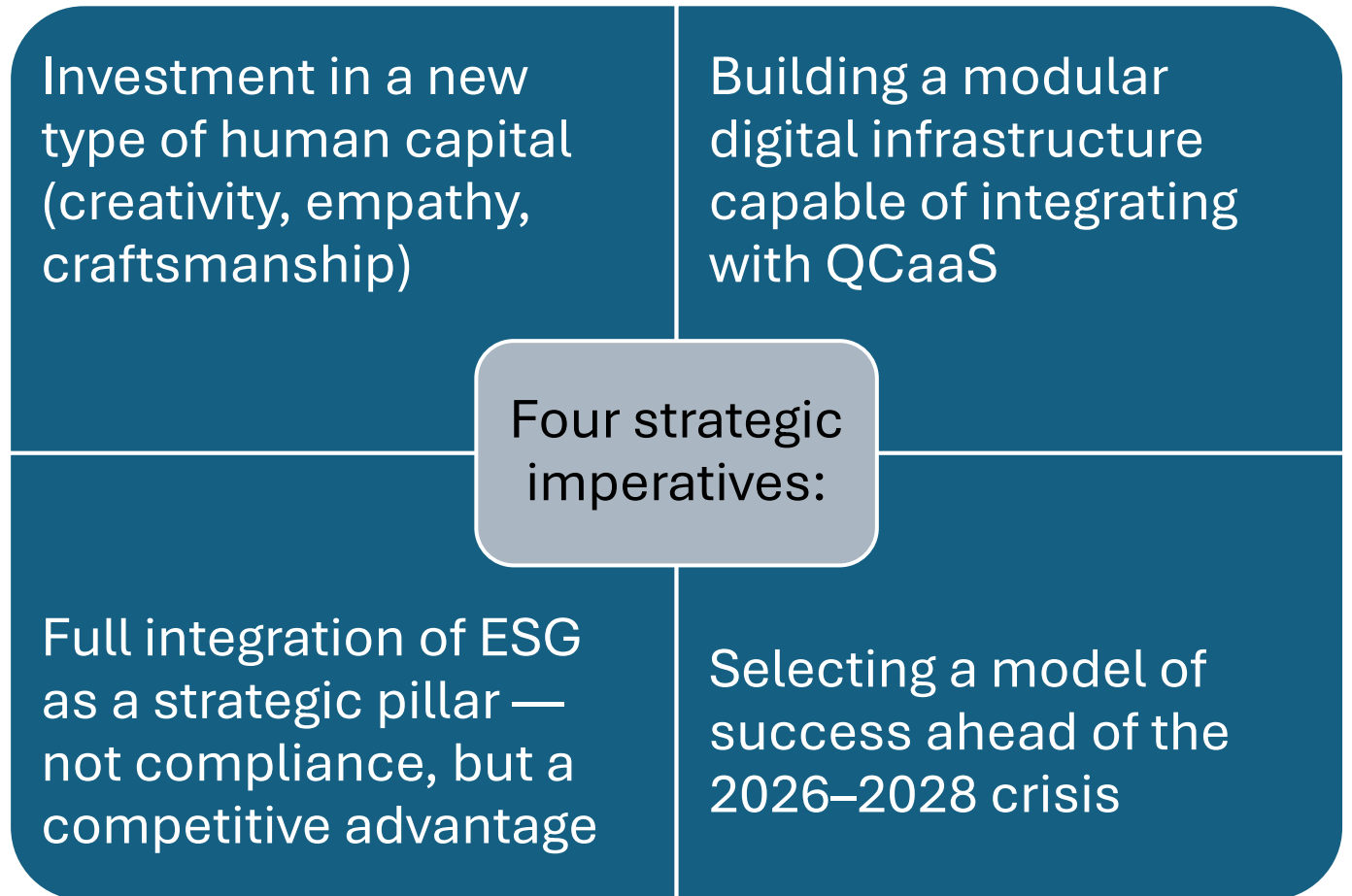
the middle class's cognitive dissonance regarding the decline in the value of formal education;

### Four key risks

economic bifurcation — green companies versus laggards;

the risk of fragmentation — a UBI without educational reform perpetuates inequalities.

# Recommendations and conclusion:



Ministerstwo Nauki i Szkolnictwa Wyższego



**Polish Digital Society**  
<http://cyfryzacja.org>

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# Postscript: one-page script

The script is a story of creative destruction on a civilizational scale. It concerns not only the economy, but a fundamental question: what is work and where does man get his dignity?

The narrative has three dramatic acts. Act I: Collapse - the deep crisis of 2026-2028 (GDP -8-12%, unemployment 15-18%) caused by a combination of geopolitical tensions and climate catastrophes is not an accidental collapse, but a catalyst for the necessary transformation. Poland is unable to maintain the model of cheap industrial production in the face of automation and loss of cost advantage - the old order must collapse. Act II: Reconfiguration — 2029 sees a quantum breakthrough: Quantum Computing as a Service (QCaaS) democratizes access to computing power, opening new markets for SMEs and artisans. At the same time, the "Agility 2.0" model is taking shape - a hybrid of a high-quality physical product with a digital service. Act III: The New Balance — After 2033, Universal Basic Income (UBI) is implemented, regulatory decentralization and regional autonomy occur. Work is no longer the main source of income - it becomes a source of meaning and identity.

**Key paradox: technology eliminates cognitive work, but rehabilitates manual, caring and creative work. Craftsman, nurse, artist - professions that AI will not replace - are coming back into favor of social prestige. The middle class faces an existential dissonance: office work, previously synonymous with success, is losing meaning.**

**Four winning archetypes: Quantum Jumpers (high-tech frontier), Hybrid Artisans (manual + digital), Local Ecosystem Builders (regional cooperatives), Regulatory Navigators (ESG/AI experts). Companies that do not choose any archetype before 2028 will become "climate laggards" - pushed outside the mainstream of the European economy.**