

Wiener Institut für Internationale Wirtschaftsvergleiche The Vienna Institute for International Economic Studies

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wiiw Spring Seminar 2013

21 March 2013

Industrial Policy for Growth

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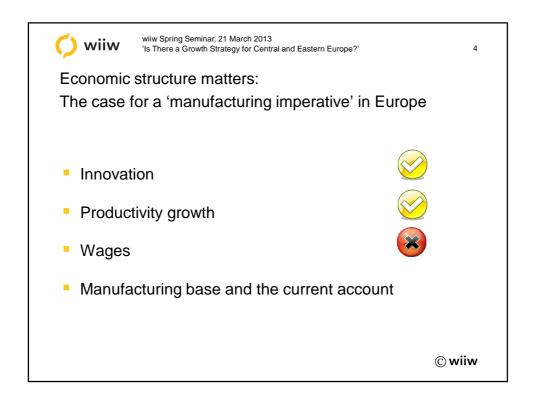


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'Is There a Growth Strategy for Central and Eastern Europe?'

The issues

- Does manufacturing matter for a country's macroeconomic performance?
- If economic structure matters is there a role for industrial policy to support growth?
- What could be elements of a growth-enhancing industrial policy in the CESEE region?







A larger manufacturing base reduces the risk of external imbalances Dependent variable: current account balance in % of GDP

	fixed effects 1995-2011				cross section 2011
		EU27+	NMS-10+		EU27+
	EU27	CESEE	Balkan	CESEE	CESEE
	(1)	(2)	(3)	(4)	(5)
manufacturing base	0.7423 ***	0.8271 ***	0.6879 ***	0.7715 ***	0.4016 **
	(0.150)	(0.136)	(0.207)	(0.187)	(0.169)
log GDP per capita	-0.574 ***	-0.5477 ***	-0.8401 ***	-0.8514 ***	-0.5496 **
	(0.188)	(0.124)	(0.265)	(0.231)	(0.201)
(log GDP per capita) ²	0.0277 ***	0.0250 ***	0.0375 **	0.0392 ***	0.0316 ***
	(0.017)	(0.007)	(0.015)	(0.013)	(0.011)
F	44.77	43.17	7.11	10.84	5.77
R^2	0.744	0.754	0.635	0.670	0.436
R ² -adj.	0.715	0.728	0.578	0.621	0.379
Obs.	448	577	253	299	34

Source: Eurostat, national statistics, wiiw estimations. Fixed effects estimations control for country and time fixed effects.



1 percentage point increase in the value added share of manufacturing improves the current account by 0.77 p.p.

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Economic structure matters:

The case for a 'manufacturing imperative' in Europe

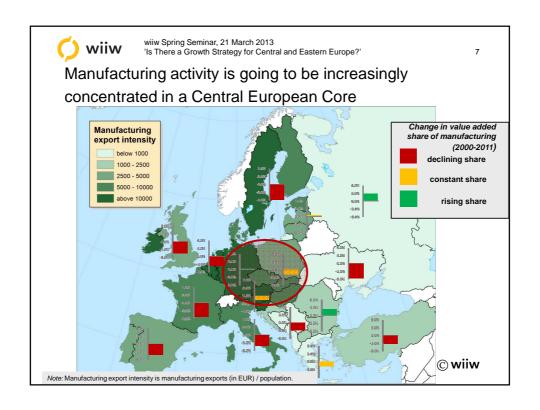
Innovation

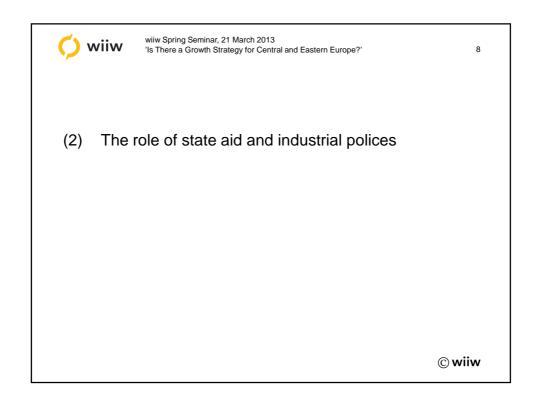
Productivity growth

Wages

- Manufacturing base and the current account

20% objective for manufacturing set by Europe 2020 strategy







The role for industrial polices to support growth

- Industrial policy attempts to shift the production structure towards sectors that are expected to offer better prospects for economic growth (Pack & Saggi, 2006) and to foster competitiveness (European Commission)
- Plethora of industrial policy measures
 - > State aid as example of hard industrial policy
 - Vocational training system as example for soft industrial policy ('below the radar measures')

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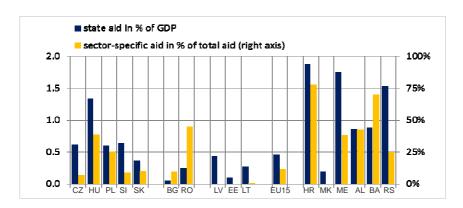


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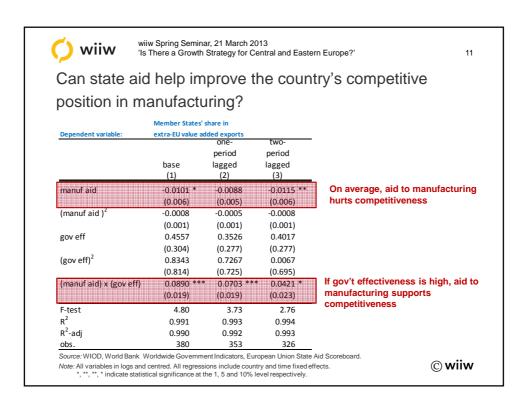
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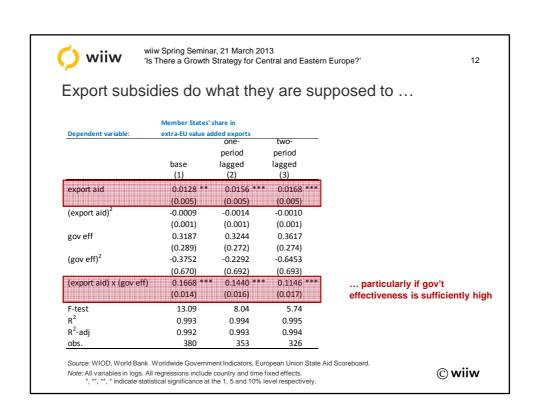
State aid in the EU and the Western Balkan countries

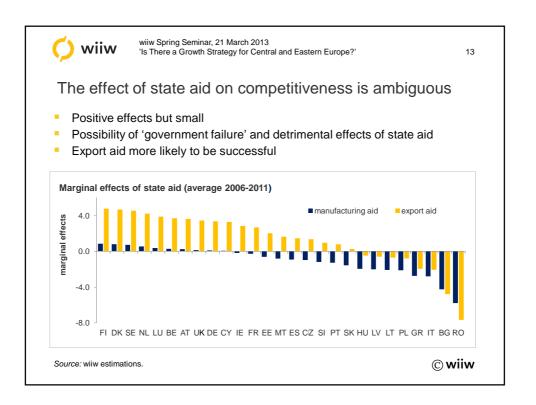
State aid to industry and services in % of GDP, average 2006-2011

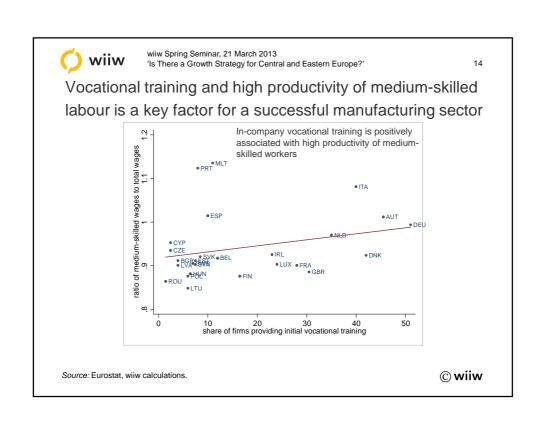


Source: EU State Aid Scoreboard, national competition authorities. Figures refer to the aid element in national state aid measures. Excluding crisis-related aid.











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First implications for industrial policy (IP) strategy in the CESEE region

- Formulation of IP depends on the technological capacity and human capital of each country, the existing industry structure, and on the external environment (EU membership)
- CESEE countries with a small manufacturing base should prioritize the manufacturing sector in their industrial policies

Prerequisite for successful industrial policy

Improve government effectiveness. Make use of the EU as an 'institutional anchor'.

Direct export promotion

 Provision of export credit schemes within the limits of international obligations (OECD arrangement, WTO ASCM, EU competition rules for EU-MS)

Sector-specific design of industrial policy

Paying out subsidies to (large, incumbent) firms is insufficient for a growth-enhancing industrial policy strategy. 'Soft measures' have to be added such as in-company vocational training.

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(3) Elements of a growth-enhancing industrial policy in the CESEE region

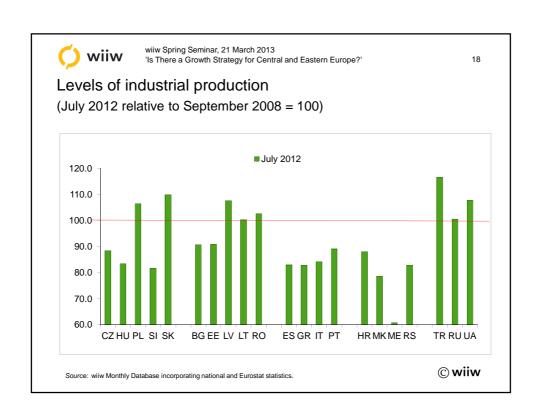
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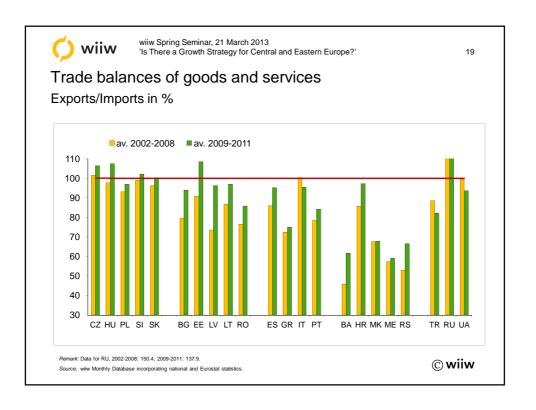


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The rationale for the renewed attention industrial policy should receive in the CESEE region

- No uniform pattern of 'convergence' in Emerging Europe
- Long-term structural imbalances in parts of Emerging Europe
- During crisis: structural adjustment has often not favoured tradable sectors
- Climate of reduced cross-border capital flows and weak banks
- Strong case for a 'manufacturing imperative' for parts of Emerging Europe (and parts of Europe's neighbourhood)
- Asymmetric emphasis on industrial policy tools in 'structural' deficit countries – should be recognized in EU policy agenda
- General framework policy recommendations (liberalization, financial intermediation, good governance) not sufficiently targeted towards strengthening tradable sector capacities



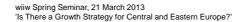




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Industrial policy in the CESEE region

- Differentiated country groups (Central Europe, Baltics, Balkans, Ukraine etc.): location, diversification, (real) exchange rate flexibility
- Strong agglomeration of cross-border manufacturing production networks
- Support for new regional clusters can be successful; focus on main constraints/'public inputs' (transport, training, efficient supply services, administrative procedures, etc.)
- Governance issues (transparency, monitoring and control mechanisms) are very important to achieve positive outcomes: time-phasing of supports; exits
- Competition policy and industrial policy can play important complementary roles (EU authorities' enforcement of rules/transparency)
- Targeting of gaps in performance between FIEs and domestic firms; support linkages/spillovers; widen the spectrum of internationally competitive SMEs





Industrial policy in the CESEE region (cont'd)

- We do not expect a uniform success of industrial policy in the CESEE region; wide range of experiences in emerging economies
- Governance will be decisive: industrial policy should be formulated/monitored at top government level
- In countries with undiversified/concentrated production sector, incumbents' power has to be overcome
- Financing instruments, development banking: focus on new entrants, new products, widening of export activity
- In advanced CEEs: range of innovation policy instruments should be strengthened
- In other economies: integrated use of regional policy, training and labour market policies; emphasis on vocational training, new clusters, use of EIB/Cohesion Funds
- Macro-policies (incomes policy, fiscal policy, exchange rate) should support goals of industrial policy



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