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AUSTRIAN ENERGY AGENCY

# Österreichische Energieagentur

## EMSA Global Road Map

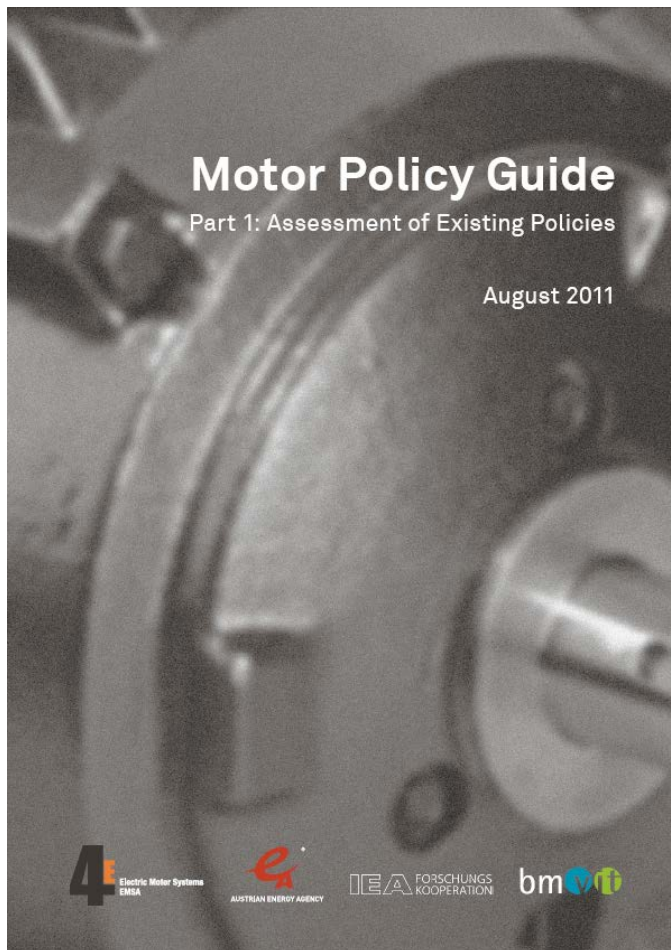
Konstantin Kulterer, Österreichische Energieagentur  
4.12.2012

## EMSA Goal

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- Raise awareness on the large energy savings potential in motor systems and showing the way to realize these.
- Help policy makers design and implement coherent motor systems policy instruments.
- Enhance international exchange on policy experience, challenges and lessons learned.
- Build capacities of engineers working for motor and machine manufacturers and industrial motor systems users.

# Motor Systems Policy





- Survey of motor policies in Australia, China, Europe, USA
- Recommendations for optimal policy design
- Free download:  
[www.motorsystems.org](http://www.motorsystems.org)




# Included States and Programmes

	<p><b>Equipment Energy Efficiency Program (E3)</b> Electrical Motors 0.73-185 kW MEPS, HEPS (High efficient performance standards), Accredited Laboratories, sanctions</p>
	<p><b>klima:aktiv energyefficient companies programme</b> Trainings for energy auditors, Awareness raising Audit Guides, Trainings for Motor Systems</p>
	<p><b>China Energy Label System:</b> Labelling (MEPS) <b>China Energy Savings Program:</b> Financial Subsidy Programme <b>China Motor System Market Transformation Programme:</b> Support of ESCOS (capacity building); Motor Systems Challenge (national info.platform)</p>

# Included States and Programmes

	<p><b>Long Term Agreement Programme:</b> Agreement between branch and government for reaching saving target, measure list, commitment, energy management systems, annual monitoring, user groups</p> <p><b>Energy Investment Allowance:</b> tax relief program, financial advantage for investment in energy efficiency equipment</p>
	<p><b>PFE Programme</b> of improving energy efficiency in energy-intensive companies (tax relief on electricity)</p> <p>Energy audit, energy management, carrying out saving measures, purchasing recommendations</p>

# Included States and Programmes

	<p><b>European Motor Challenge Programme:</b> Energy Audits, Measure List, MCP Action Plan, Partner Logo, Endorsers</p>
	<p><b>Topmotors:</b> Advisory service (pilot projects), Education/Trainings, Tools, Software, Website Others: e.g. Compressed Air Campaign, Pump Campaign (not included in report)</p>
	<p><b>Enhanced Capital Allowance Scheme:</b> 100% first year capital allowance for motors, drives, PM-motors, CAS components <b>Carbon Trust:</b> interest free EE loans Building Regulation</p>

# Included States and Programmes



Epact: MEPS, Labelling, NEMA Premium/Utility rebates

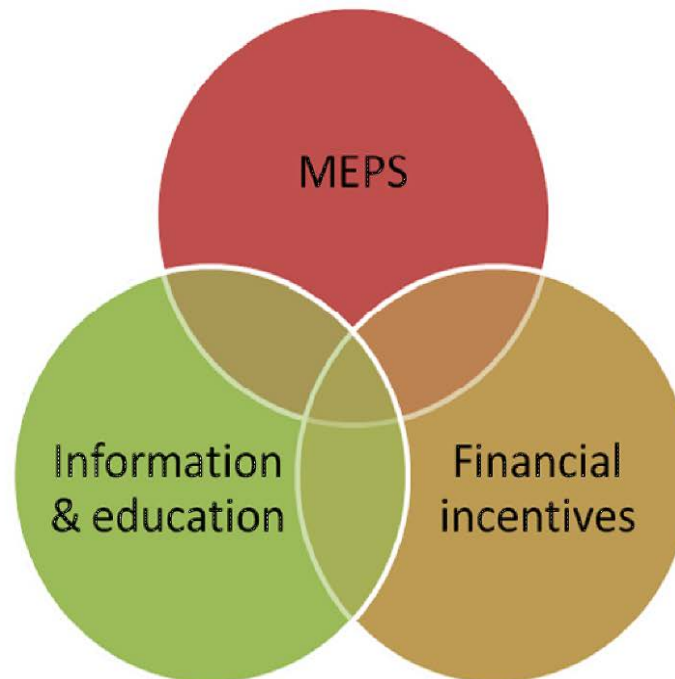
Motor Systems Initiative, Motor Decision Matter, Compressed Air Challenge: Tools, Awareness, Trainings, best practices, Guides

Industrial Technologies Program: (Motor Challenge Program), Save Energy Now, LEADER: Software Tools, Best Practices, Information

Green Motor Initiative: Financial incentives for rewind motors

# EMSA Global Policy Guidelines Target, Sources

- EMSA will design and **propose policy guidelines for exploiting efficiency potentials - consisting of mandatory, voluntary and financial measures** as well as procedures for monitoring and compliance.



Source: A+B International, 2011

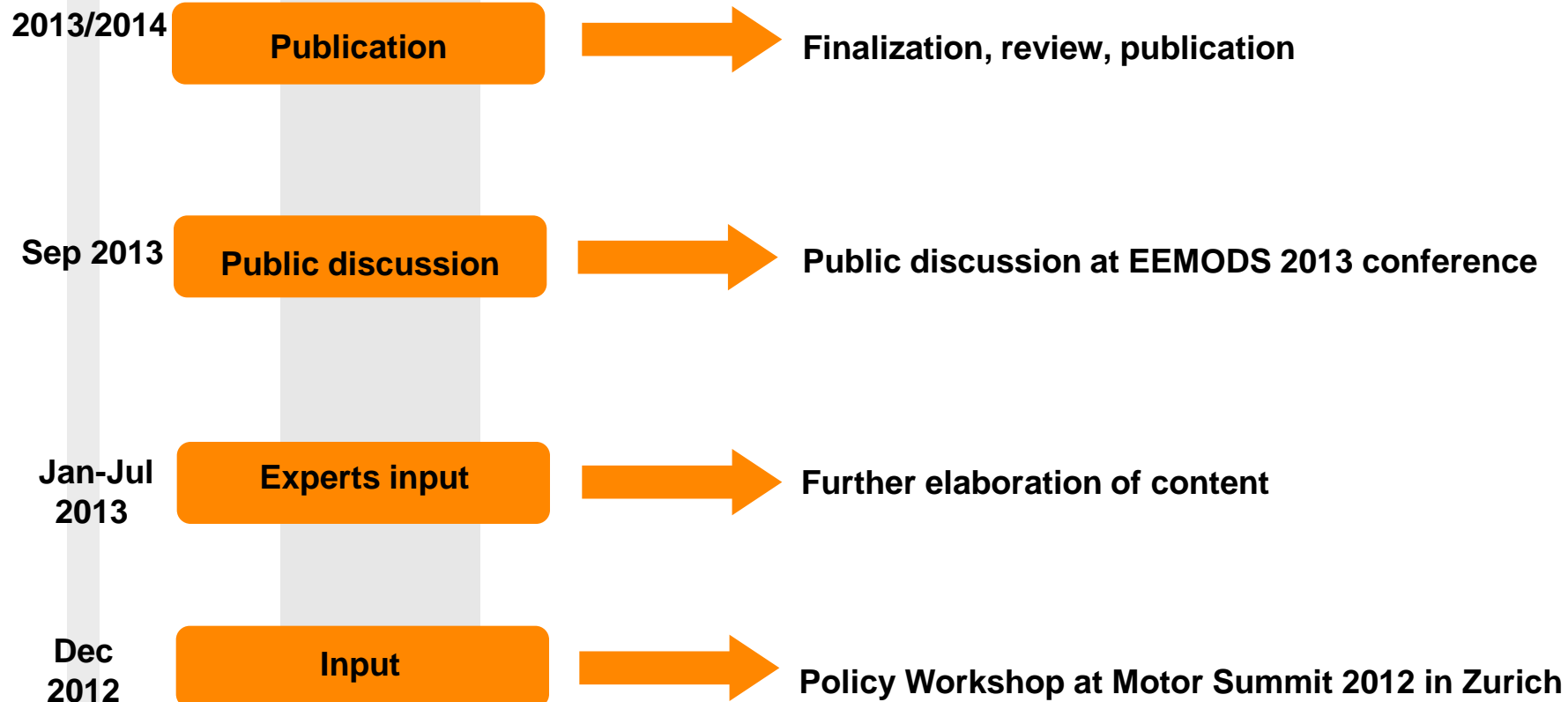


# Motor Systems Policy Guide Part 2

Policy Measures
Standards (inc. labeling)
MEPS
Product Registration
Compliance (Monitoring, Verification and Enforcement)
Testing
Others (International Initiatives, incl. contests)

Policy Measures
Information: Guidelines for planning, LCC, Databases, Awareness raising
Financial Incentives
Energy Management, Energy Auditing, Saving Calculation
Replacement, Motor Rewinding

# Policy Road Map: work plan



# Contact

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