

Policy Opportunities for Intelligent Efficiency

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Overview of Research Project

The goal of the project was to answer four questions:

- What are governments doing?
- What have been the impacts so far?
- What else could they be doing?
- What are the best opportunities for governments to explore?

Overview of Project

Tasks

- Scoping Study
 - Literature search
 - Interviews
 - Video presentation at Paris meeting

- Policy Analysis
 - Comparison and analysis of country policies
 - Identify strengths and weaknesses
 - Barriers analysis
 - Recommend best practices

Main type		Subtype 1		Subtype 2			
Economic Instruments	D	Direct investment	D	Funds to sub-national governments	F		
				Infrastructure investments	I		
				Procurement rules	P		
				RD&D funding	R		
	E	Fiscal/financial incentives	F	Feed-in tariffs/premiums	F		
				Grants and subsidies			
				Loans	L		
				Tax relief	Tr		
	M	Market-based instruments	M	Taxes	T		
				User charges	C		
GHG emissions allowances				A			
Green certificates				G			
I	Advice/Aid in Implementation Information provision Performance Label Professional training and qualification	I I L T	A I L T				
						White certificates	W
						Comparison label	C
						Endorsement label	E
Policy Support	P	Institution creation Strategic planning	I S				
						Auditing	A
Regulatory Instruments	R	Codes and standards	C	Building codes and standards	B		
				Product standards	P		
				Sectoral standards	S		
				Vehicle fuel-economy and emissions standards	V		
	M	Monitoring Obligation schemes Other mandatory requirements	M Ob O				
							Demonstration project
Research, Development and Deployment (RD&D)	RD	Research program	R	Technology deployment and diffusion	Dp		
				Technology development	Dv		
Voluntary Approaches	V	Negotiated Agreements (Public-private sector)	N				
		Public Voluntary Schemes	V				
		Unilateral Commitments (Private Sector)	C				

Research Findings

Recommendations: Role of Government

- Lead by example
- Procurement rules
- Performance standards, labels and certifications
- Compatibility requirements and common protocols
- Education and Information dissemination
- Investment in research
- Incentives for early adoption

Research Findings

Conclusions

- Countries are considering regulations but are limiting the scope to labeling and standby power requirements
- Larger economies are investing in research, development and demonstration of intelligent efficiency
- Financial assistance can be provided by many different mechanisms and can be effective at growing the market
- Leading by example is a powerful economic tool
- Government involvement and leadership in collaborative efforts is very important and powerful