

EEDAL'06

INTERNATIONAL ENERGY EFFICIENCY IN
DOMESTIC APPLIANCES & LIGHTING CONFERENCE '06

Product Policy in China

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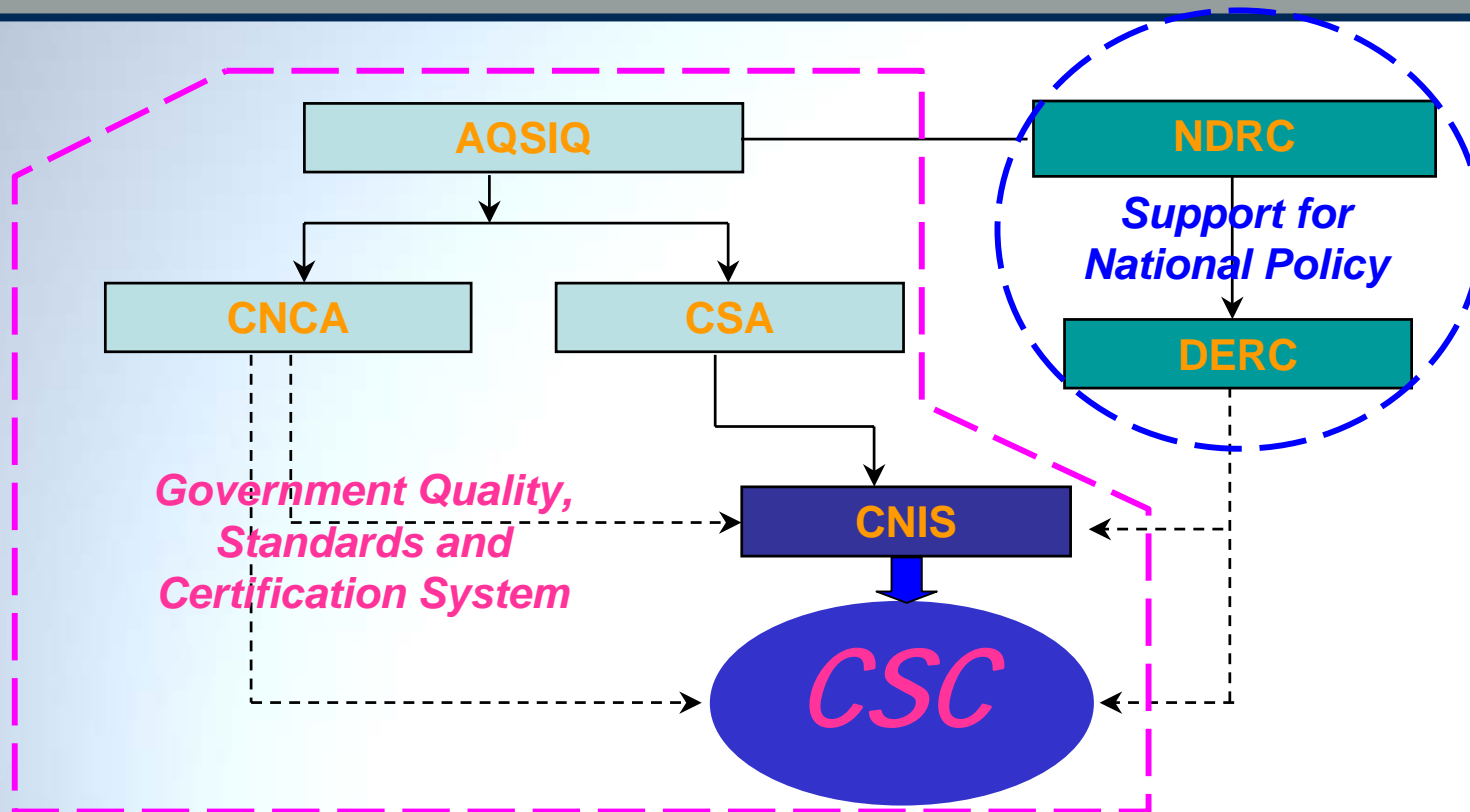
Overview

- Background of China/UK project
- Existing/recent product policy and institutions in China
- Examples (refrigerators, air conditioners)
- Market transformation programme in China project
 - Programme of work, timing, etc
 - results so far (models, documents, workshop)
 - What have we learned so far?
 - roadmap, further collaboration?

Existing product policy in China

- Some policy since the 1980s
(eg television on mode <75W, superceded 2006)
- Endorsement energy label launched in 1998, now over 40 products covered
 - run by CSC
 - includes other endorsement labels
(eg Eco-label, ELI, water conservation)
- New programme of integrated energy performance standards and labels since 2004
 - implemented by CNIS

Relevant institutions



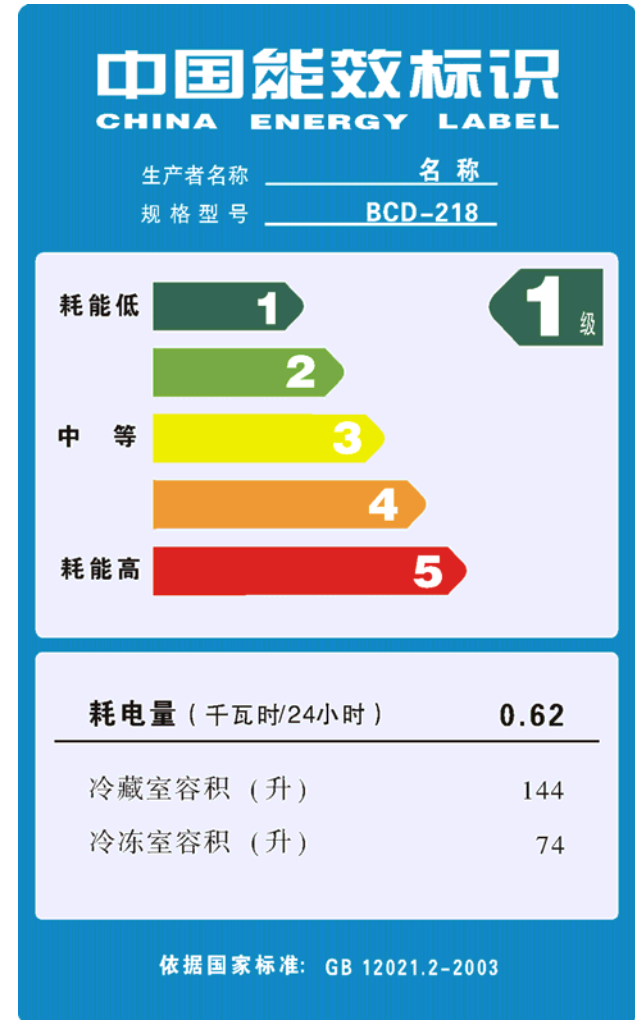
- NDRC: China National Development and Reform Commission
- AQSIQ: State Administration of Quality, Supervision, Inspection and Quarantine
- CNCA: China National Certification Accreditation Administration
- CSA: China Standardization Administration
- DERC: Department of Environment and Resource Conservation under NDRC
- CNIS: China National Institute of Standardization

Energy labels

- Endorsement label (CSC)



- Mandatory 1-5 label (CNIS)



Performance levels of air conditioners (2005)

EU		China		
Label	Criteria	Label	Criteria	Sales (%)
		1	EER>3.40	3
A	EER>3.20	2	3.40>EER>3.20	5
B	3.20>EER>3.00	3	3.20>EER>3.00	4
C	3.00>EER>2.80	4	3.00>EER>2.80	17
D	2.80>EER>2.60	5	2.80>EER>2.60	71
E	2.60>EER>2.40	MEPS		
F	2.40>EER>2.20			
G	2.20>EER			

Levels for refrigeration equipment (2005)

EU		China		
Label	Criteria	Label	Criteria	Sales (%)
A++	30			
A+	42			
A	55	1	55	37
		2	65	31
B	75			
		3	80	19
C	90	4	90	5
D	100	5	100	8
E	110	MEPS		
F	125			
G	>125			

Market transformation programme in China

Project aim:

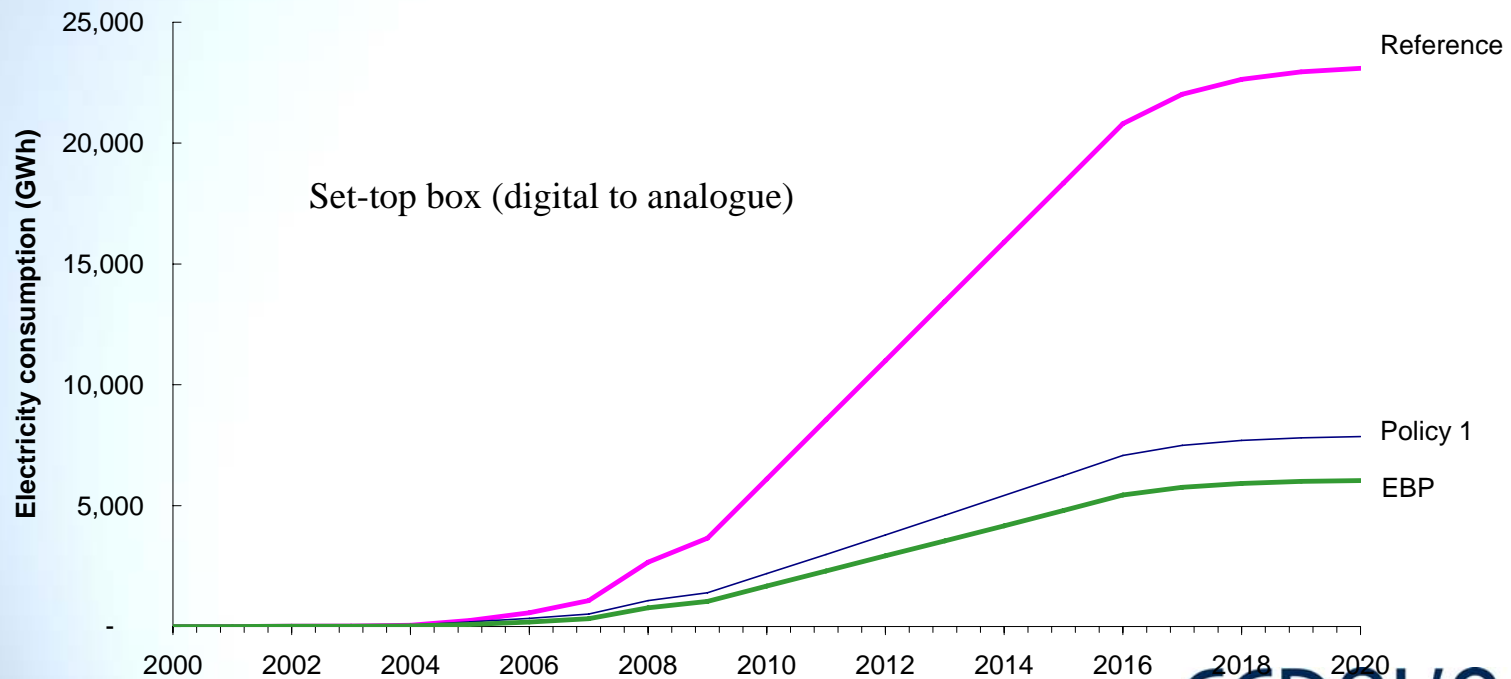
- Support efficient and strategic product policy in China (Process)

Programme of work:

- Research into main energy using products (scenarios, savings potential, propose policy options, working reports) – all public
- Gap analysis (research, policy options, institutional)
- Test at stakeholder workshop in Beijing (Gov, industry, academic)
- Knowledge exchange - study tour to UK, EEDAL, Training in China
- EEDAL (Li Aizhen, Li Caifeng, Zhu Chunyan, Jin Minghong, Cheng Jianhong, Christof Marx, Melanie Slade, Kevin Lane)
- Road map for future activities (potential programme)

Some initial results

- Developed models, briefing notes, policy options for 8 products
- UK study tour/training, Beijing workshop (gov agencies, UK gov, manufacturers, consumers)
- Still to finalise policy prioritisation, develop roadmap



What we have learned so far

- Early engagement of industries
- Sufficient communication
- Harmonious agreement among government bodies
- Timely publicity

Developing roadmap

- Roadmap to address findings from gap analysis
- Proposed programme (ongoing)
- Expected benefits for government, industry, consumers

Activities of a programme

- Research analysis & product prioritisation
- Policy tools' identification & selection
- Communication system establishment
- International cooperation & harmonisation

... and finally

Project results to be posted to:

- www.cecpc.org.cn
- www.cnis.gov.cn
- www.mtprog.com

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