



Policies & measures to promote efficient motor system in China



CNIS Zhao Yuejin

2007. 06. 10



Main matter



Overview



Policies & measures to promote efficient motor system



Energy conservation standards and energy conservation policies



Energy conservation standards, policies and measures for the motor system



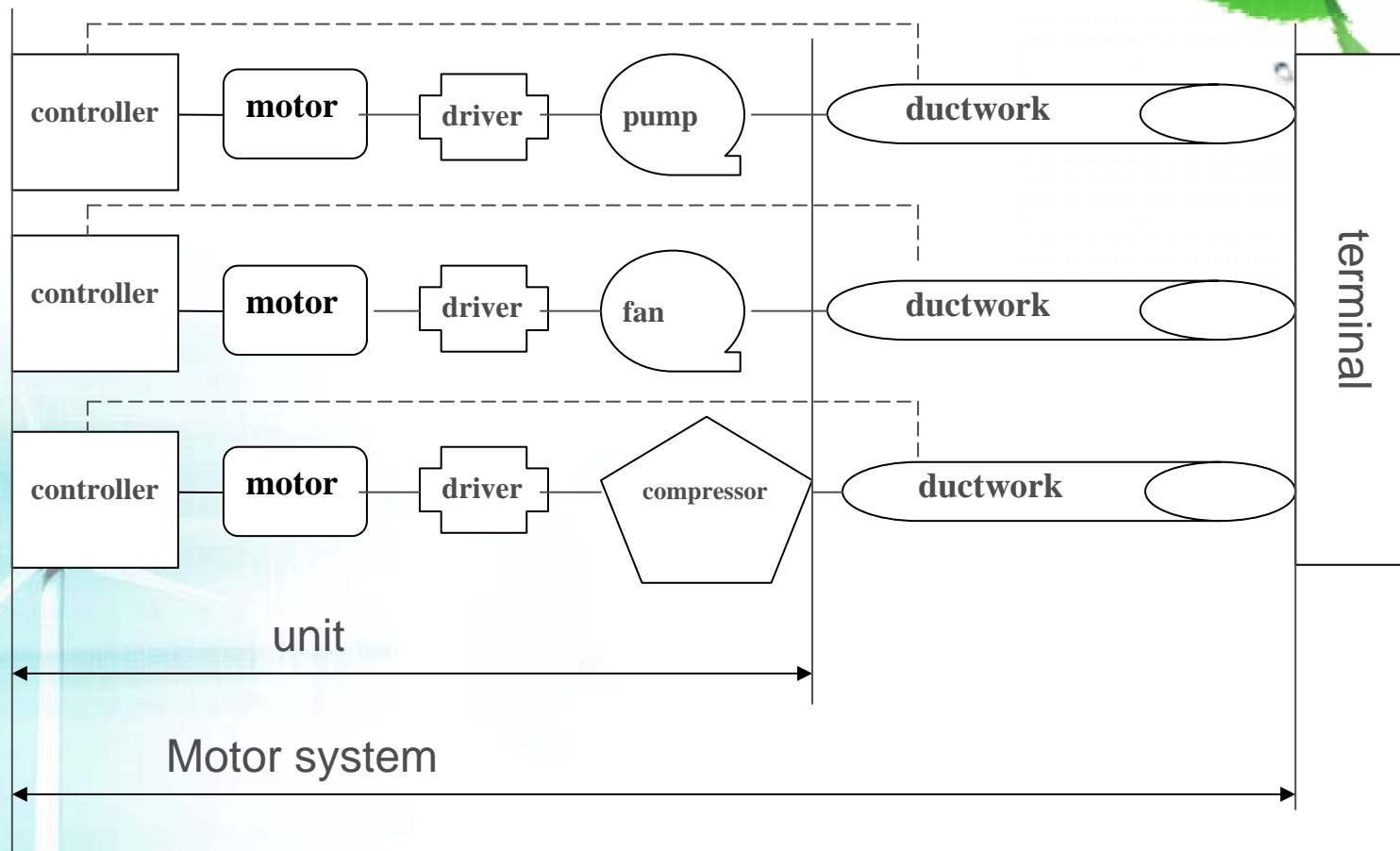
Two most successful policies in China



1. motor system



❖ Motor system



2. Policies & measures to promote efficient motor system



Types of energy conservation policies & measures for motor system

Energy conservation
policies & measures
of Chinese
government

Incentive policies

Energy conservation
managing mechanism

Energy conservation
projects & activities



2. Policies & measures to promote efficient motor system



Policies

Equipments of motor system

Incentive policies

Certification of energy conservation products

Motor, pump, fan, compressor

Government procurement of high efficient products

Motor, pump, fan, compressor

Preferential income tax

Motor, pump, fan, compressor
devices of adjusting voltage

Public subsidy for key energy conservation projects

researching



2. Policies & measures to promote efficient motor system



Policies

object

Government procurement
of high efficient products

Elimination mechanism
for intensive energy-
consuming products

Motor, pump, fan, compressor

Energy efficiency
labeling system



researching for motor

Assessment of energy
conservation objective
and responsibilities

manufacturer

energy conservation
supervision

manufacturer



2. Policies & measures to promote efficient motor system



measures

object

Energy conservation projects & activities

energy saving project for motor system

Motor system

Service system of energy conservation

manufacturer

Publicity to the public

Public(energy saving week)

contract energy management

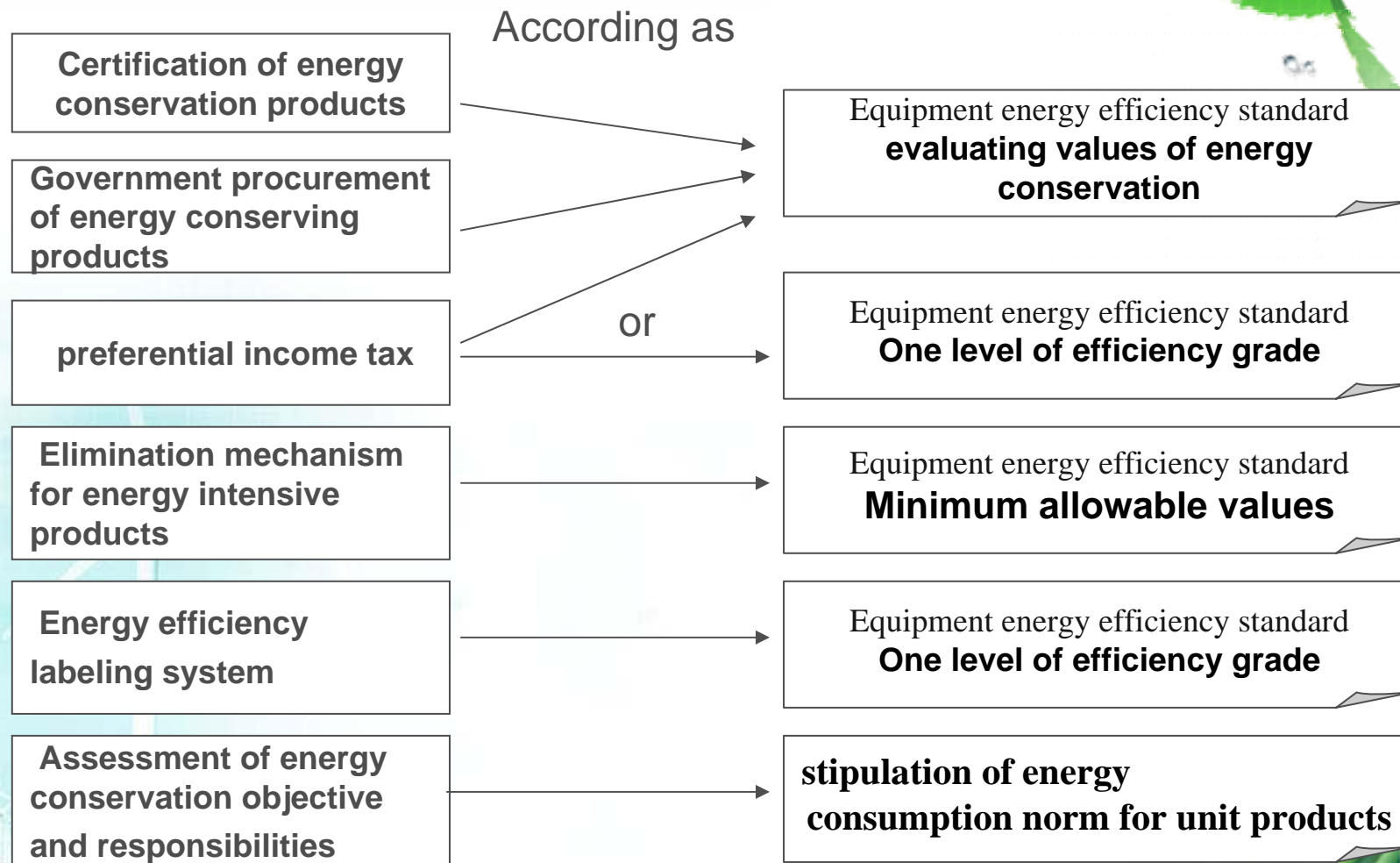
manufacturer



3. Energy conservation standards and energy conservation policies



❖ Standards & policies



4. Energy conservation standards, policies and measures for the motor system



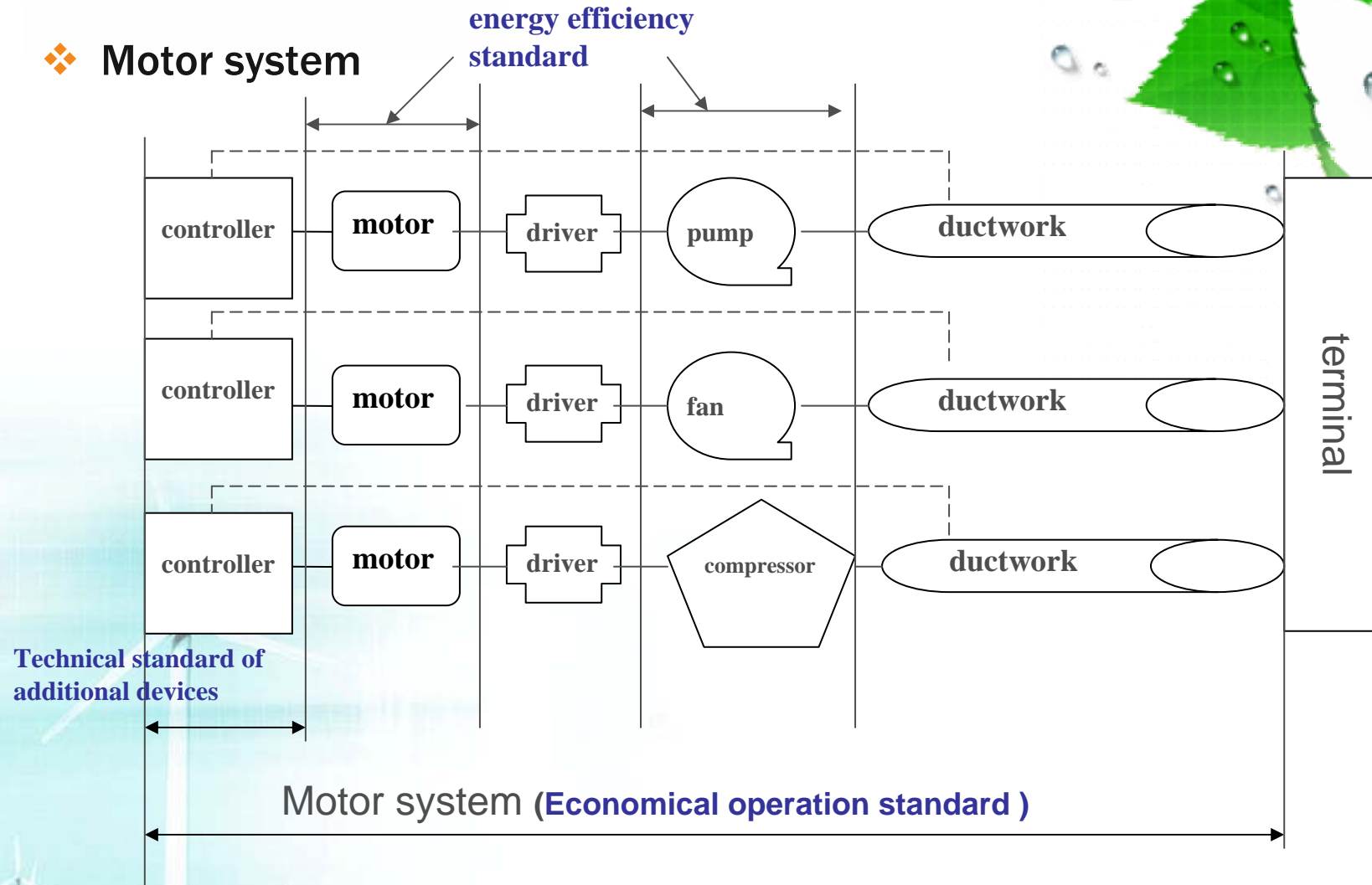
S/N	Energy conservation contents	Relevant standards	Matching policies and measures
1	Innovation and elimination of low efficiency motors and energy-intensive equipment	Energy efficiency standard	Energy-intensive product elimination system, energy efficiency labeling system
2	Efficiency improvement of motor, driven device and equipment	Technical standard of additional devices standard Economical operation standard Energy efficiency standard	Energy-conserving product certification, energy efficiency label, Preferential income tax, government procurement, energy-conserving objective and responsibility assessment
3	Innovation of driven device and equipment	Technical standard of additional devices standard	Equipment lease, contract energy management
4	Optimization of operation and control of motor system.	Economical operation standard	Energy-conserving objective and responsibility assessment



4. Energy conservation standards, policies and measures for the motor system



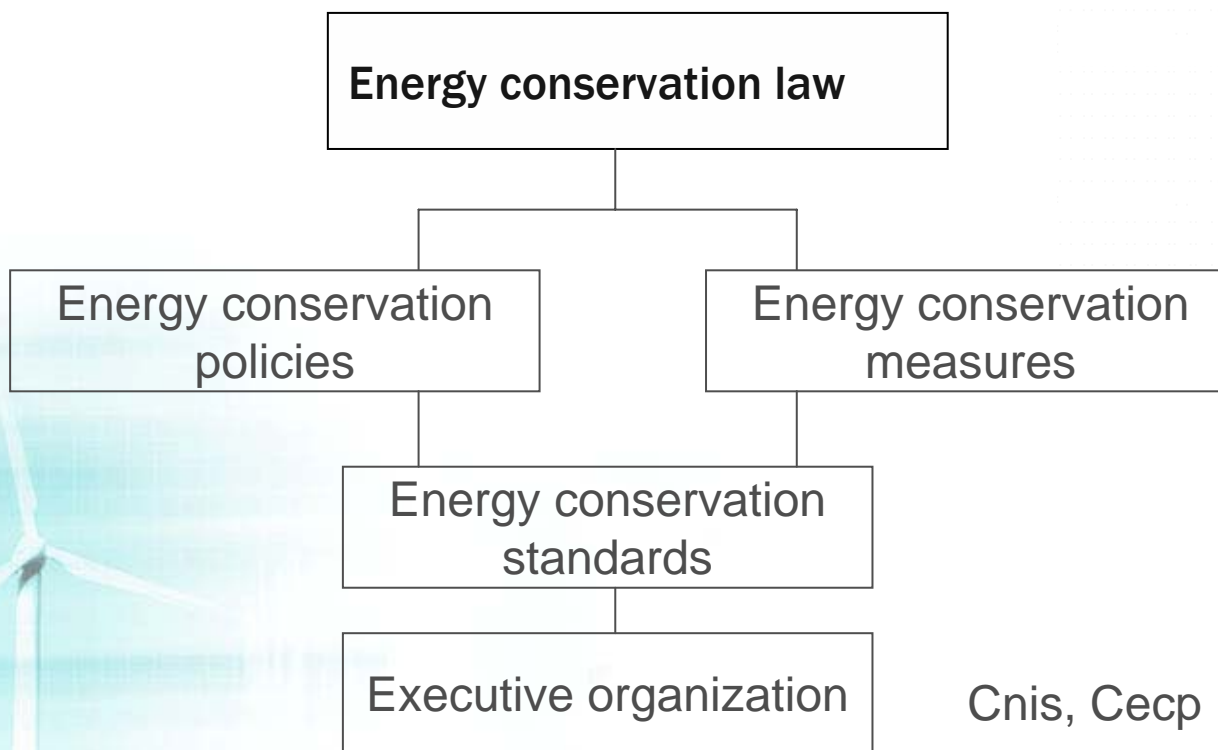
❖ Motor system



4. Energy conservation standards, policies and measures for the motor system



policies and measures system



Cnis, Cecp



5. Two most successful policies in China



❖ Certification of energy conservation products

On Jan 1, 1998, China promulgated *Energy Conservation Law*, the certification of energy-conserving products are specified.

Executive organization: CSC (CECP)

Result: products of being certified have 4 types (appliances, office equipments, lighting, industry), total 27 kinds products (motor, pump, fan, compressor etc)



5 Two most successful policies in China

❖ energy efficiency labeling

On Aug. 13, 2004, National Development and Reforming Committee (NDRC) in partnership with AQSIQ promulgated The No. 17 Decree and announced that The Energy Efficiency Label Regulations would be implemented from Mar. 1, 2005. NDRC in partnership with AQSIQ and CNCA promoted No.17 Announcement, and issued the list of first group of products that shall be stuck with energy efficiency labels.

Executive organization: cnis

Result: products of being implemented have 4 types(refrigeratory, air-condition, washing machine), 499 manufactures.

Energy efficiency labeling of motor is researching, about that will implement in next year.





Thank You !

Zhao Yuejin Fax 86-10-58811714 Email zhaoyj@cnis.gov.cn