Accelerating Energy Efficiency and Market Transformation through Appliance Standards and Labeling (S&L)

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CLASP's primary objective is to provide **technical expertise and assistance** to global standards and labeling practitioners and policymakers to improve **energy efficiency in appliances, lighting, and equipment** worldwide, as well as reduce the emission of greenhouse gases that cause climate change.

Core Services

CLASP provides national governments and other stakeholders with technical assistance and expertise, including:

- ❖ S&L Program Design
- ❖ Product Prioritization Studies
- ❖ Product Specific Technical Analysis

- ❖ Design of Minimum Energy Performance Standards (MEPS)
- ❖ Label Design Research
- ❖ Test Method Development

- ❖ S&L Impacts Assessment
- ❖ Market Impacts Studies
- ❖ Energy Savings Modeling

- ❖ Program Evaluation
- ❖ Training and Capacity Building
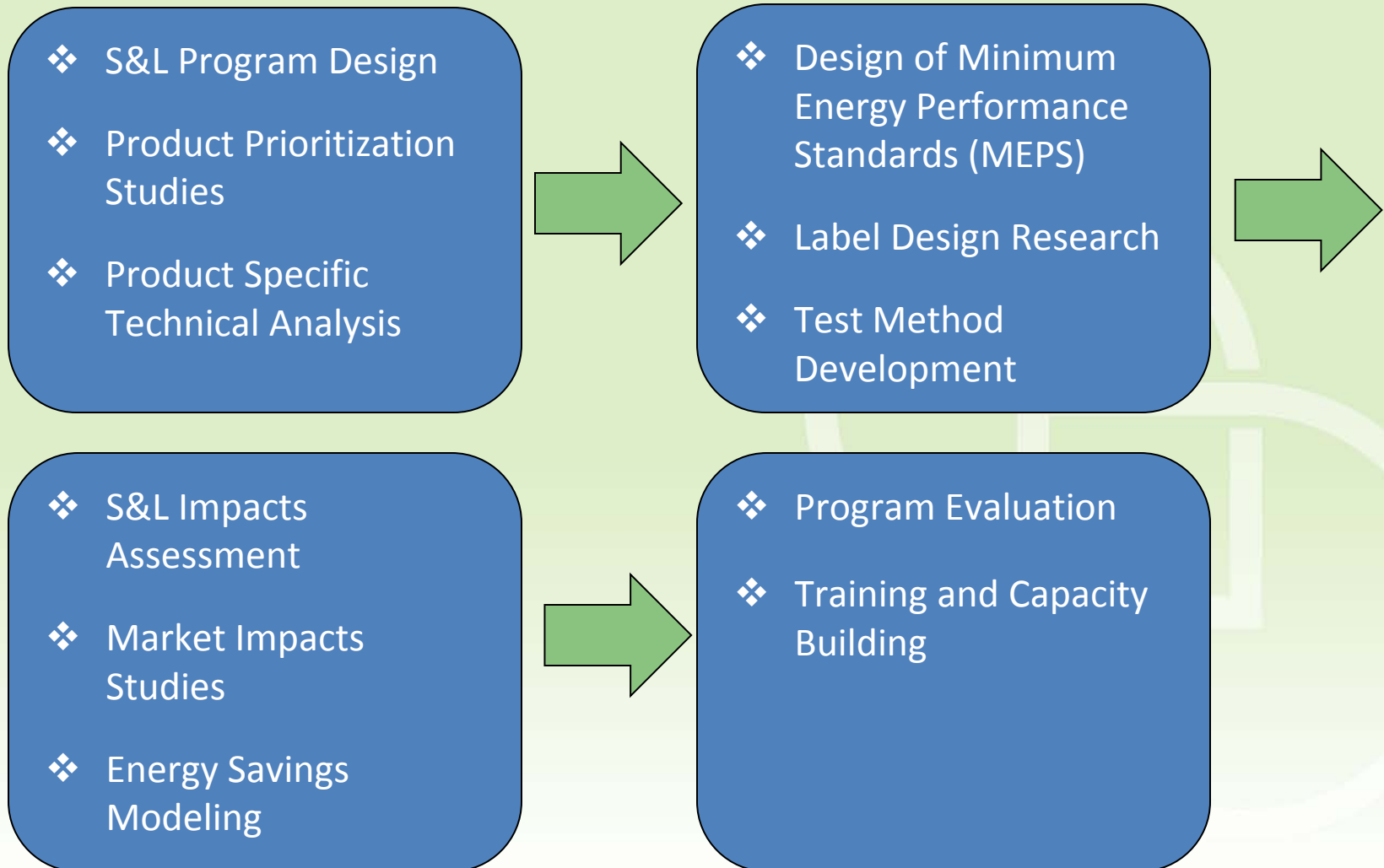
Procurement of Energy Efficient Products

1) Establishing procurement thresholds
2) Monitoring, Verification, and Enforcement (MV&E) of procurement programs

Procurement programs can utilize endorsement or categorical labels (e.g. ENERGY STAR) to establish thresholds for purchasing energy efficient products

- Utilizing existing endorsement or categorical labeling schemes minimizes the burden on procurement specialists to identify energy efficient products

- Establishing procurement thresholds can result in significant energy savings and reductions in greenhouse gas emissions

CLASP's role in developing procurement thresholds:

- Technical support to labeling schemes

- Conducts global benchmarking analyses for specific products, making it easier for countries without categorical or endorsement labels to identify thresholds for procurement policies

MV&E is critical in ensuring that procurement policies achieve the savings anticipated

- Improving compliance in safeguards organizational investments in procurement programs

CLASP's role in MV&E:

- 2010 Global Survey of MV&E processes across 14 countries to evaluate strengths and weaknesses across 30 standards and labeling programs
- 2012 MV&E Survey to map existing capabilities and resources across the EU member states

2010 CLASP MV&E Guidebook

Compliance regimes or frameworks are sets of program-specific processes established to check conformity with program requirements.
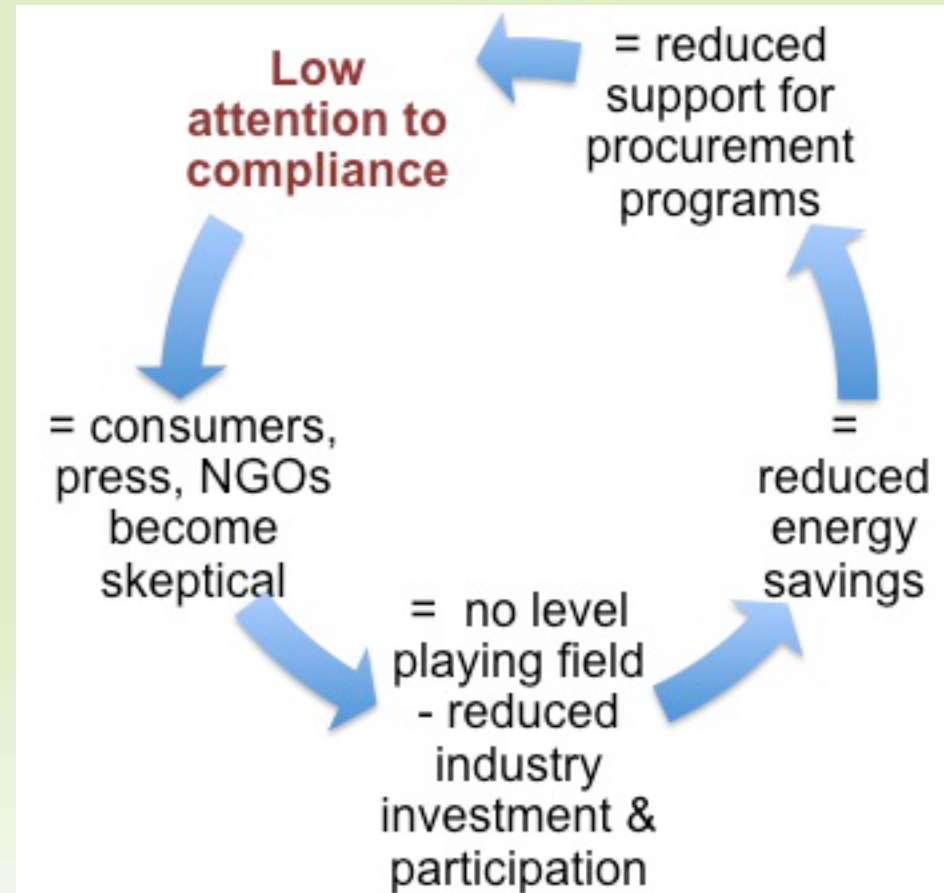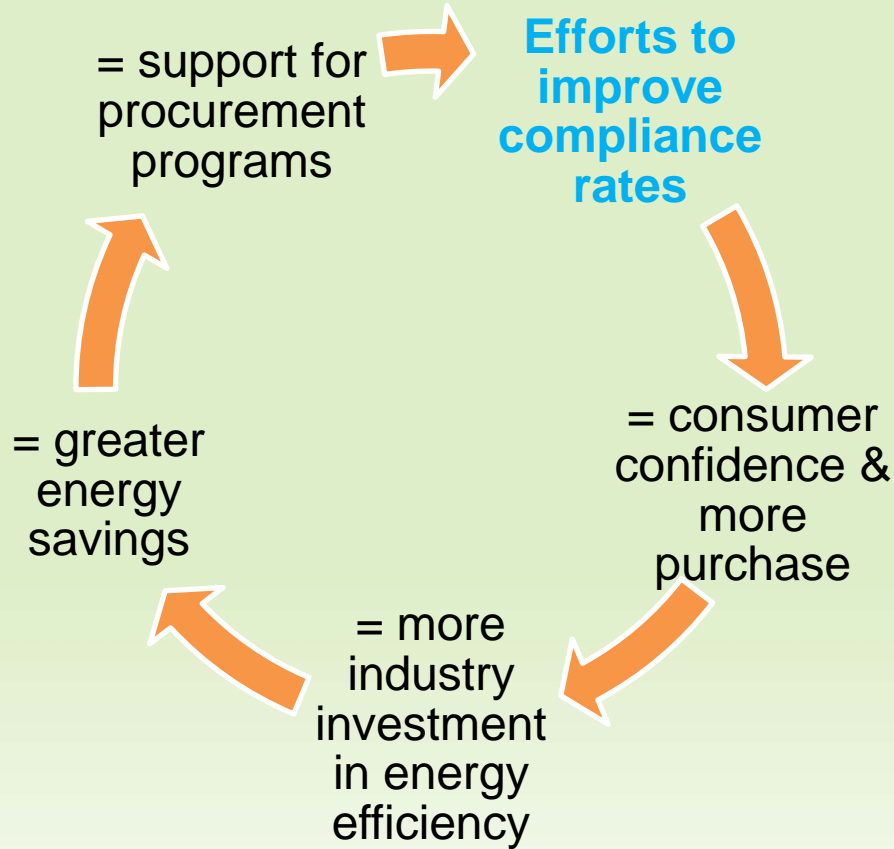
Main elements of a compliance regime:

1) Program entry conditions;
2) Monitoring and verification; and
3) Enforcement

The benefits and risks are summarized in the following figures:

CLASP Resources

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More information about CLASP's activities:
http://www.clasponline.org/en/WhatWeDo

More information about CLASP's Programs:
http://www.clasponline.org/WhereWeWork