

Energy Efficiency in the Americas

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- Overview
- Energy Data: the Energy Chain
- The Industrial Sector
- The Building Sector
- The Transportation Sector
- The Agriculture, Forestry and Fishing Sector

- Americas Energy Data
- Abundant and Diverse Energy Sources
- Trends in Fossil and Renewable Energy
- Modern Energy for Unserved Populations
- IANAS Cooperation with Smart Villages
- Total Primary Energy Sources in Countries
- Graph of America's Energy Balance (Table 1 probably is too large to go on a slide, perhaps it could be condensed or a separate handout.)

- Energy Efficiency in Industry Sector
- Large Savings from Best Available Technologies
- Strategies for Savings in Major Industry Groups
- Reports Identify Potential Mining Industry Savings
- Financial Sources for Savings
- Science-University-Industry Energy-Saving Programs

- Energy Efficiency in Transportation Sector
- The Largest Energy Use Sector in the Americas
- Diversity of Geography, Climate and Population Density
- Nearly 50% Increase Estimated for Non-OECD Countries by 2040
- Avoid, Shift, Improve (ASI) Holistic Paradigm
- Transportation Infrastructure Issues and Investments

- Energy Efficiency in Building Sector
- Estimated to be Fastest Growing Sector Globally to 2040
- Larger Savings if Total Primary Energy Sources Are Included
- Americas Growth Will be in the Latin American Countries
- Critical Role of Research, Development and Deployment
- Need for Collaboration on Building and Appliance Standards

- Energy Efficiency in Agriculture, Forestry and Fishing
- The Share of Energy Use is Small, 1.2%; But the Impact is Huge
- Globally Land Use Changes Are Causing 18% of GHG Emissions
- In the Americas, the Changes are Estimated at 46%
- Brazil and Countries Bordering Amazonia Address this Challenge