

ClimaSouth Seminar

Briefing on the Global Climate Agreement in 2015

Brussels, 29 October 2014

Preparations in Israel

המשרד להגנת הסביבה



الوزارة لحماية البيئة

Israel Ministry of Environmental Protection

Israel's special circumstances

- High population growth rate
- High GDP growth rate
- Increasing number and size of households
- Increasing energy consumption
- Limited renewable resources
- Severe water shortages
- Land scarcity
- Energy island – energy security problem
- Significant increases in demand for cooling

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Government Decisions

- 2010 – formulation of national plan for the reduction of greenhouse gas emissions
- 20% GHG reduction in 2020 compared to BAU

Inter-ministerial committee headed by DG of Finance examined areas of high GHG reduction potential:

energy efficiency, green building, transportation, renewables

- 15% reduction possible through implementation of 2 existing government decisions:
 - 10% renewables
 - 20% energy efficiency

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National Plan

- Subsidies for energy efficiency projects and for new green Israeli technologies
- Replacement of inefficient domestic appliances
- Energy efficiency surveys and action plans
- Update minimum standards for energy efficiency appliances in the domestic sector
- Pilots for green construction of buildings
- Information and education about energy efficiency

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Subsidies Program

Key element of National Plan

- Administered jointly with Ministry of Industry, Trade & Labor
- Budget 2011-2012: 150 million shekel (~\$37 million)
- 4 groups of sectors: industry & agriculture, commercial, public, transport
- Subsidy of up to 20% of total investment
- Additional subsidy for new Israeli technologies
- Validation of each project plan and calculations
- 3rd party verification of reductions until 2020 required

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Emissions Reduction Projects

Application phase

- All projects must be validated
- A detailed monitoring plan approved for each project

Implementation phase

- Monitoring devices installed and consumption monitored
- Data collected and translated into CO₂ emissions
- Report prepared and externally validated
- MoEP examines the report and issues approval

HFCs Reduction

- Encourage transition to alternatives

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GHG Emissions Registry

- Voluntary GHG Registry launched 2010
- Israeli Protocol based on *GHG Protocol* of WRI & WBCSD
- Over 50 companies have joined the Registry
- Reports submitted to Ministry

- **Requirements:**
- Data collection for mapping direct and indirect emissions sources (Scopes 1 & 2)
- Quantify emissions by source
- Report to the registry

Recognition for third party verification of emissions and reductions (based on ISO 14065)

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GHG Management Mechanism

- National reduction goal ready for approval in 2015
 - Advance draft ready during first half of the year
- Steering committee of high ranking officials
 - Working group of stakeholders from government, IEC, industry, NGOs
- Detailed work plan to be presented to Steering Committee
 - January 2015
- Update BAU scenario – different models for each sector
 - High quality data exists, challenge is to access
- All data and underlying assumptions clearly presented
 - To enable external review and replication of results

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Tasks 2015

- Examination of potential GHG reduction until 2030
- Collection of required data and analysis
- Selection of models for the various sectors
- Formulation of a recommendation for INDC
- Establishment of an MRV mechanism
 - Format for the data base
 - Institutional arrangements
 - Identification of methodologies
- Preparation follow-up report for government
- Submission of BUR

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