



December, 2010

## Recommendations for Budget 2011

Between May and August 2010, representatives from energy efficiency industries, utilities, non-government organizations, and academics working on energy efficiency held discussions on a National Energy Efficiency Strategy. The results of this dialogue are available from [The Canadian Renewable Energy Alliance \(CanREA\)](#) and [The Canadian Energy Efficiency Alliance \(CEEA\)](#).

While the transformation of the way we all use energy will take a decade or more, it is essential that we start now and do not lose momentum. The following recommendations for the upcoming 2011 federal budget are based on the results of the stakeholder dialogue. They include expanded support for the core services of the Office of Energy Efficiency and \$1.4 billion in new program expenditures spread over 5 years.

While we recognize that this a time for budget constraint, we believe that a modest \$280 million per year in program funding to replace ecoEnergy programs is an important and necessary investment in Canada's future economy.

### Housing

Replace the ecoEnergy Home retrofit program with a suite of new federal initiatives that have the objective of retrofitting at least 40% of homes across Canada, and all low income housing, over the next 10 years.

#### Core Office of Energy Efficiency Services:

- ⇒ Maintain and strengthen the EnerGuide benchmarking system, equipment standards system, and R2000 / Net zero home programs.
- ⇒ Accelerate the inclusion of energy efficiency requirements in the National Building Code and develop a national model home retrofit code setting minimum standards for home upgrade at time of sale or lease.
- ⇒ Support the adoption of "Pay as you Save" property tax based financing programs by municipalities for home retrofit.

#### New Programs:

- ⇒ Provide major financial support for provincial low income housing upgrade programs to assist 150,000 low-income households to permanently reduce their energy bills by an average of 30%. (\$500 million)
- ⇒ Support a national training and certification program for trades, builders and renovators. (\$200 million)

## Buildings and Communities

Implement new federal initiatives in support of building industry programs with the objectives of improving the technical and operational efficiency of all buildings across Canada by 50% over the next 10 years and all new buildings net zero by 2020.

Core Office of Energy Efficiency Services:

- ⇒ Maintain and strengthen a national building labeling, database and benchmarking service. Support the piloting of innovative integrated community energy systems.

New Programs:

- ⇒ Implement a national buildings commissioning/re-commissioning training program, including cost sharing of regional efficiency technical services centres with provinces and buildings industry. (\$250 million)

## Industry

Provide comprehensive support for industries that adopt international energy management practices.

Core Office of Energy Efficiency Services:

- ⇒ Maintain and strengthen the Canadian Industrial Program on Energy Conservation (CIPEC) and support the universal adoption of the new ISO Energy Management Standard.

New Programs:

- ⇒ Provide tax and other incentives for those industries that adopt the ISO standard and expand support for industry energy management training courses. (\$150 million)

## Transportation

Work closely with the United States to rapidly advance both vehicle and truck efficiency standards, and support initiatives that shift transport to more efficient modes and reduce tonne.km and person.km.

Core Services:

- ⇒ Implement national vehicle and truck efficiency standards.
- ⇒ Provide national protocols for mandatory labeling and idling regulations.

New Programs:

- ⇒ Provide financial support for the national adoption of the SMARTWAY trucking program, including independent verification, training, and optimization tools, etc.(\$200 million)

## Financing

Provide a financial infrastructure that will leverage significant private investment in energy efficiency.

- ⇒ Set up a national \$2.5 billion Green Bonds scheme that would provide a revolving loan fund for Pay as you Save financing and other investments in energy efficiency (\$100 million)