GBPN

Global Buildings Performance Network

Building Policies for a Better World

VERMONT

REDUCING ENERGY DEMAND IN EXISTING BUILDINGS: LEARNING FROM BEST PRACTICE RENOVATION POLICIES

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REPRODUCTION AND USE

Authors
Sophie Shnapp (GBPN)

VERMONT: BRIEF OVERVIEW OF THE RENOVATION STRATEGY

As of 2007, Vermont introduced sector specific targets related to building energy efficiency. These include reducing both fuel use and energy bills by 25% in 60,000 homes by 2017, and 80,000 homes by 2020 and reducing fuel needs and fuel bills by an average of 25% in housing units served by energy utilities. Vermont's building requirements complement the reduction targets set and are more stringent than the standard US code of 2009, IECC. Funding is offered by utilities in Vermont to support energy efficient improvements to homes. Efficiency Vermont works together with the utilities to promote the financial programmes offered. They also develop local partnership programmes that focus on energy saving opportunities; these programmes include providing consumers with guidance, educational materials, training and financial support.

The Policy Tool for Renovation highlights three key areas where Vermont's Renovation Policy Package excels: overall country reduction targets, utility-funded energy efficiency programmes and a one-stop solution centre.

Over the past 10 years, Vermont's energy consumption, consumption per floor area, household and capita have all followed a very similar trend. They have all fluctuated, sometimes increasing and sometimes decreasing compared to 2000 levels. Generally, although the fluctuations are quite large, it could be said that the trend has remained largely stable. Population of Vermont is 0.6 million (U.S. Census Bureau, 2012).
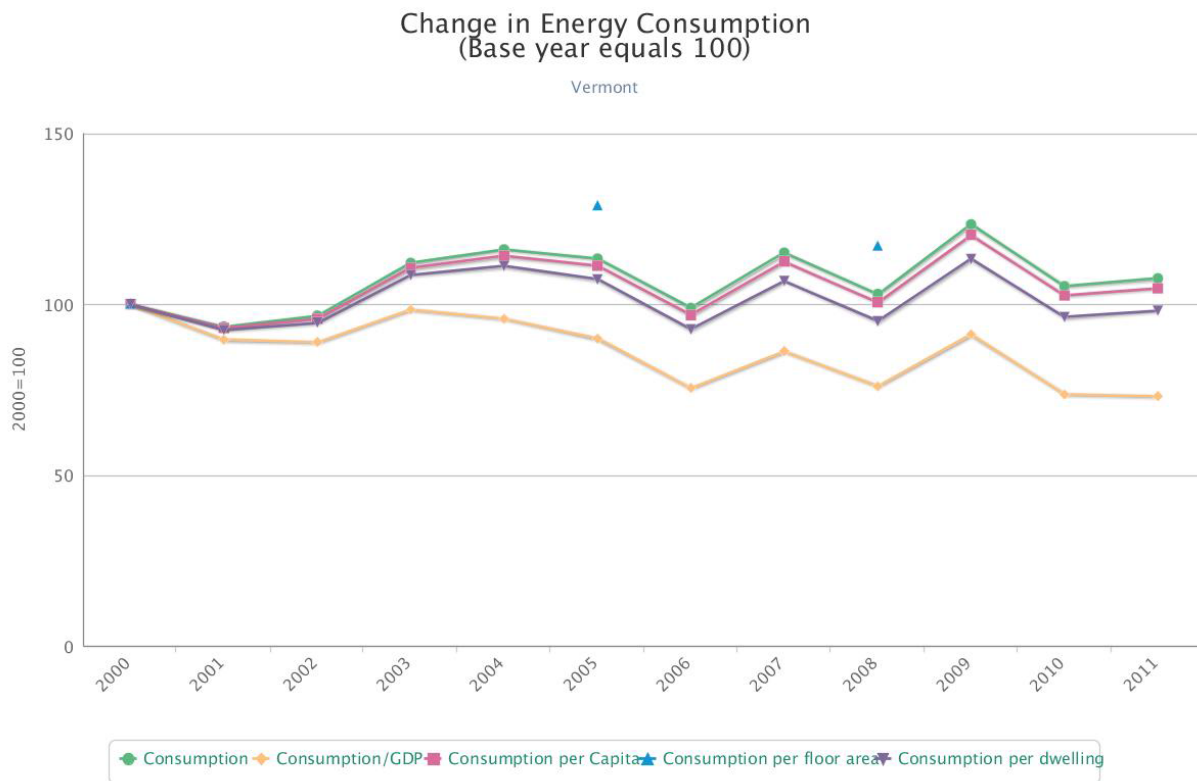

Figure 3.12 Objective Criteria in Vermont, real units factored to near 100 Application of the Tool

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GBPN
Global Buildings Performance Network

51 Rue Sainte-Anne
75002 Paris
France

+33 (0)1 70 98 31 30
info@gbpn.org

www.gbpn.org
@GBPNetwork

About GBPN   The Global Buildings Performance Network (GBPN) is a globally organised and regionally focused network whose mission is to advance best practice policies that can significantly reduce energy consumption and associated CO_2 emissions from buildings.