

OREGON

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

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OREGON: BRIEF OVERVIEW OF THE RENOVATION STRATEGY

Oregon's Strategy for GHG emissions reductions includes state-wide emissions targets set at 10% below 1990 levels by 2020 and 75% below 1990 levels by 2050. Oregon's building code has more stringent requirements than the standard U.S. building code, IECC 2009. Energy Trust of Oregon and utility companies have organised electricity and natural gas efficiency programmes that provide funding and advice to citizens. Alongside these incentive programmes, Oregon set up a tax deduction scheme that supports efficiency improvements. Oregon is home to a number of research centres that focus on energy efficiency, specifically the Energy Trust Oregon acts as a one-stop solution centre which provides energy efficiency advice on incentives, services and how to reduce the amount of energy used in a building.

The Policy Tool for Renovation highlights two key areas where Oregon's Renovation Policy Package excels: overall country reduction targets and building code requirements for renovation.

All consumption criteria decreased from 2000 to 2004. From 2004, all of the consumption indicators began to rise. Despite this, consumption/GDP has been flat since then, as GDP has continued to grow. Population of Oregon is 4 million (U.S. Census Bureau, 2012).

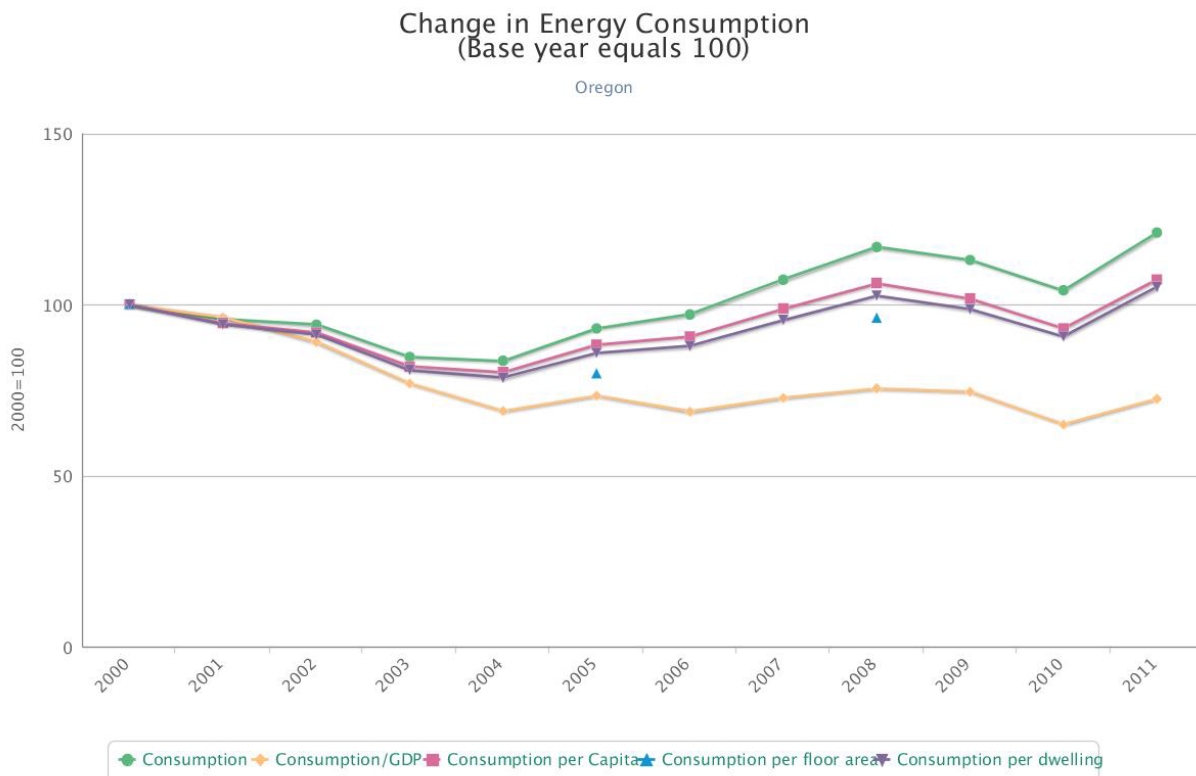


Figure 3.11. Objective Criteria in Oregon, real units factored to near 100

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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 CO₂ emissions from buildings.