

Evaluation of the Canadian Home Insulation Program (CHIP)

Barriers to innovation and lessons learned



Program Overview

- CHIP started in 1977
- Termination in 1987
- Evaluations in 1981 and 1983



Intent

- Insulate Canada from possible future oil shocks
 - Save energy used for space heating
 - Stimulate the expansion of the insulation-materials industry
 - Obtain quality control and monitoring of energy savings



Impacts

- 1.9 million CHIP applications
- 17% aggregate energy savings for homes insulated with CHIP
- 75% of all dollars spent by CHIP users would not have been spent without CHIP



Barriers to innovation

- Lack of awareness of the program
- Lack of cooperation between NRC/CMHC and the industry
- Unintended consequences
- Different motivations (owners/tenants)
- Prejudice about the government
- Lack of quality standards
- Lack of training of the inspectors



Future Outlooks

- EcoENERGY retrofit for homes
- Ontario Home Energy Savings Program

" The public needs to be provided with house-specific advice"



TELFER

THANK YOU