



Industrial energy efficiency in the context of the technical examination process

Thematic dialogue on industrial energy efficiency

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Benoit LEBOT, Executive Director, IPEEC





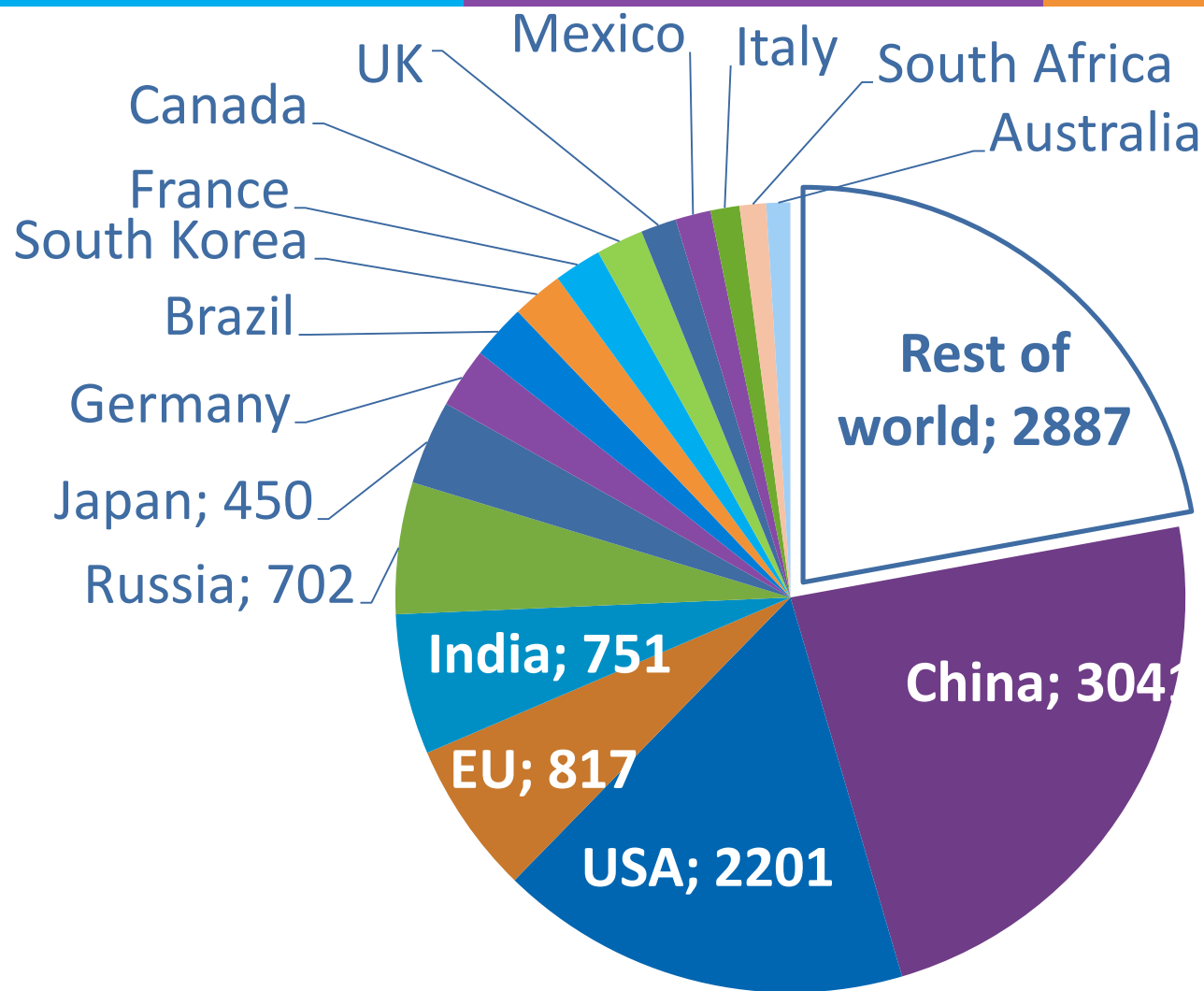
International
Partnership for
Energy Efficiency
Cooperation

<http://www.ipeec.org/>

IPEEC Members are Major Economies



IPEEC Member Countries weight >75% of World Energy Consumption



Global Energy Consumption (Source: IPEEI)

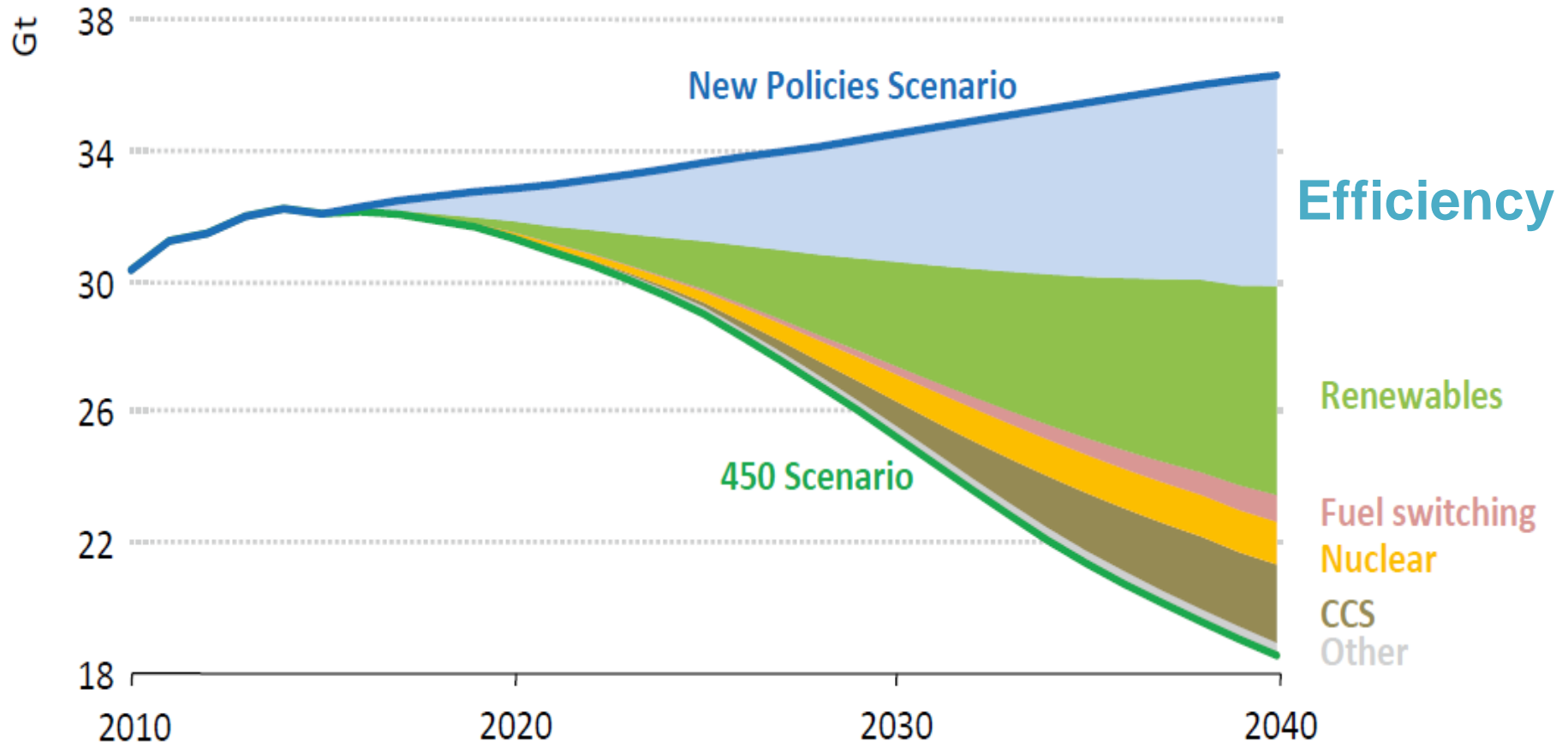
IPEEC's Vision

A world where key national policy makers view energy efficiency (EE) as a resource and implement cost effective policies to promote it.

Energy Efficiency and renewables have equivalent GHG reduction potential



Global CO2 emissions savings in 450 Scenario relative to the New Policies Scenario

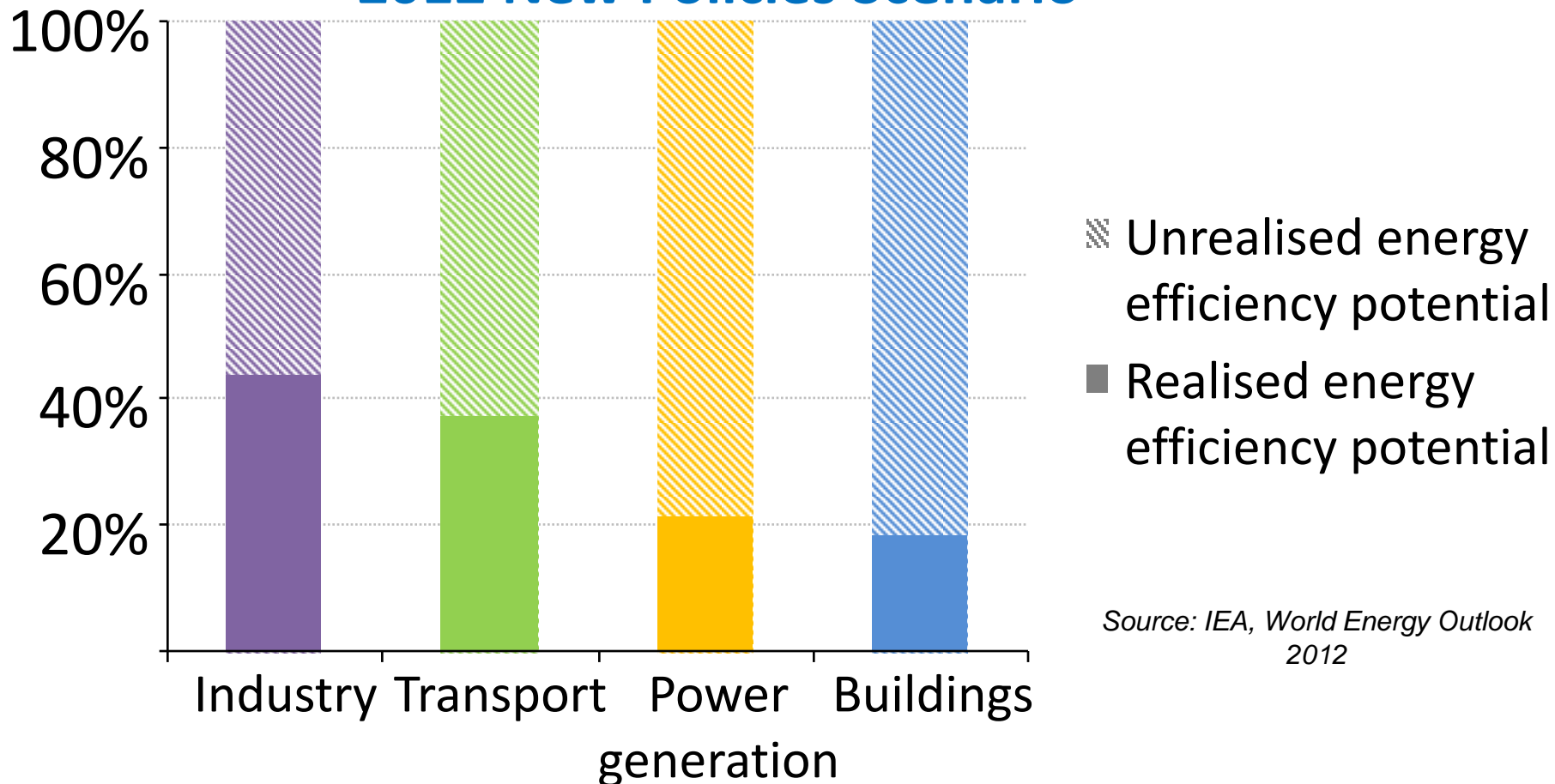


The New Policies Scenario including all the NDCs from the Paris agreement still leaves a significant amount of efficiency potential untapped.

Energy efficiency potential remains untapped

Energy efficiency potential used by sector in the WEO

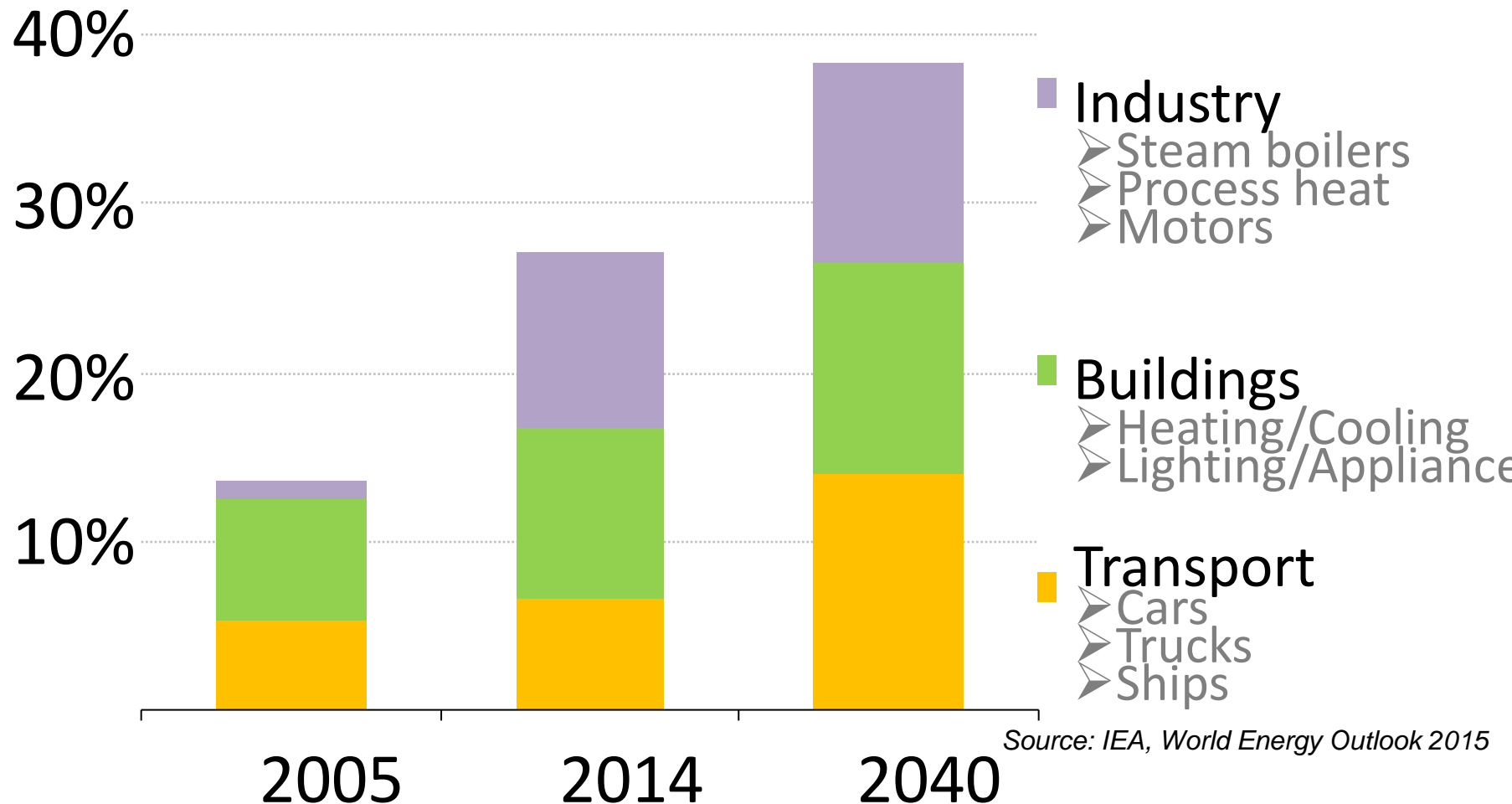
2012 New Policies Scenario



Source: IEA, World Energy Outlook 2012

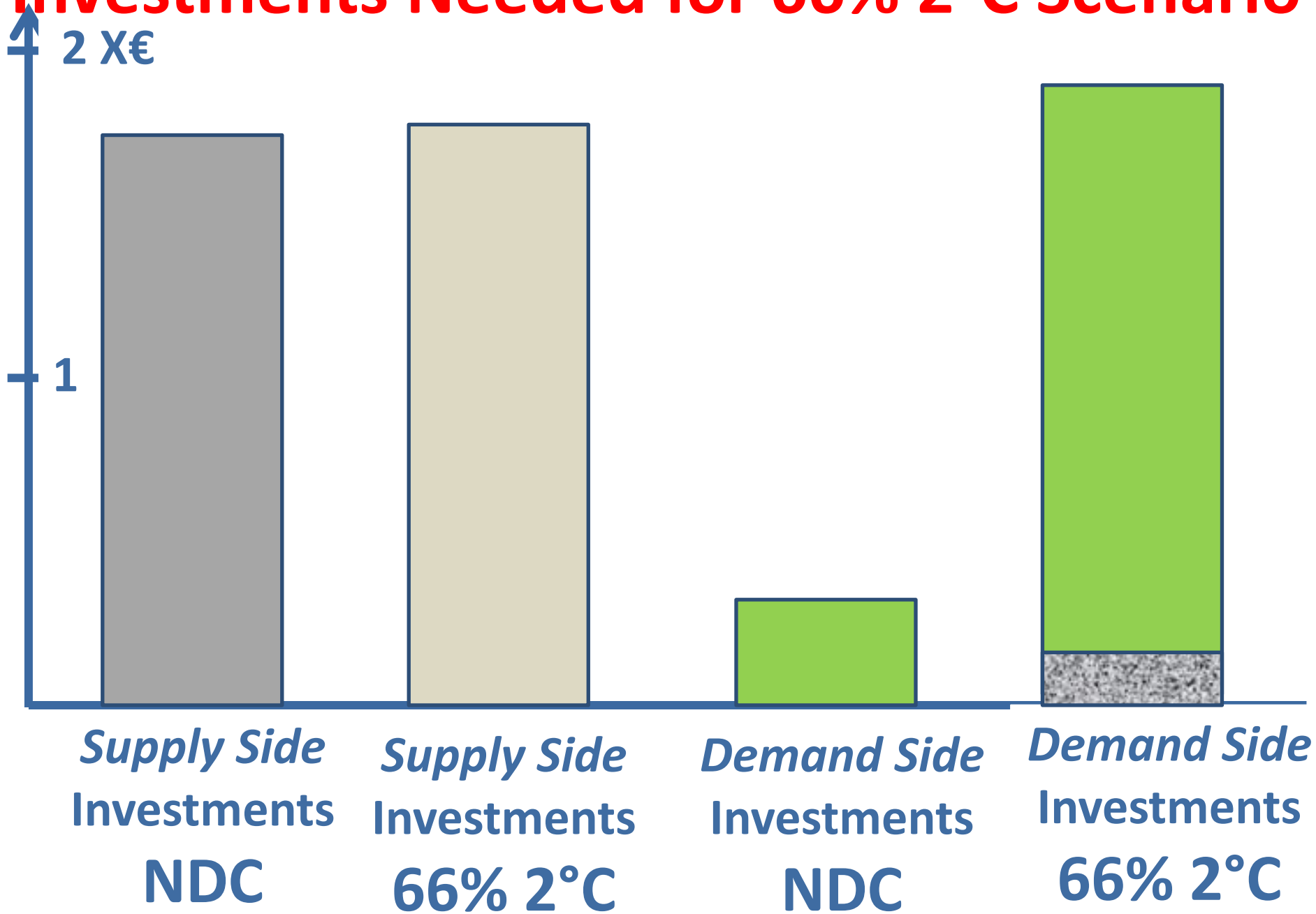
Two-thirds of the profitable investments to improve energy efficiency remain untapped in the period to 2035

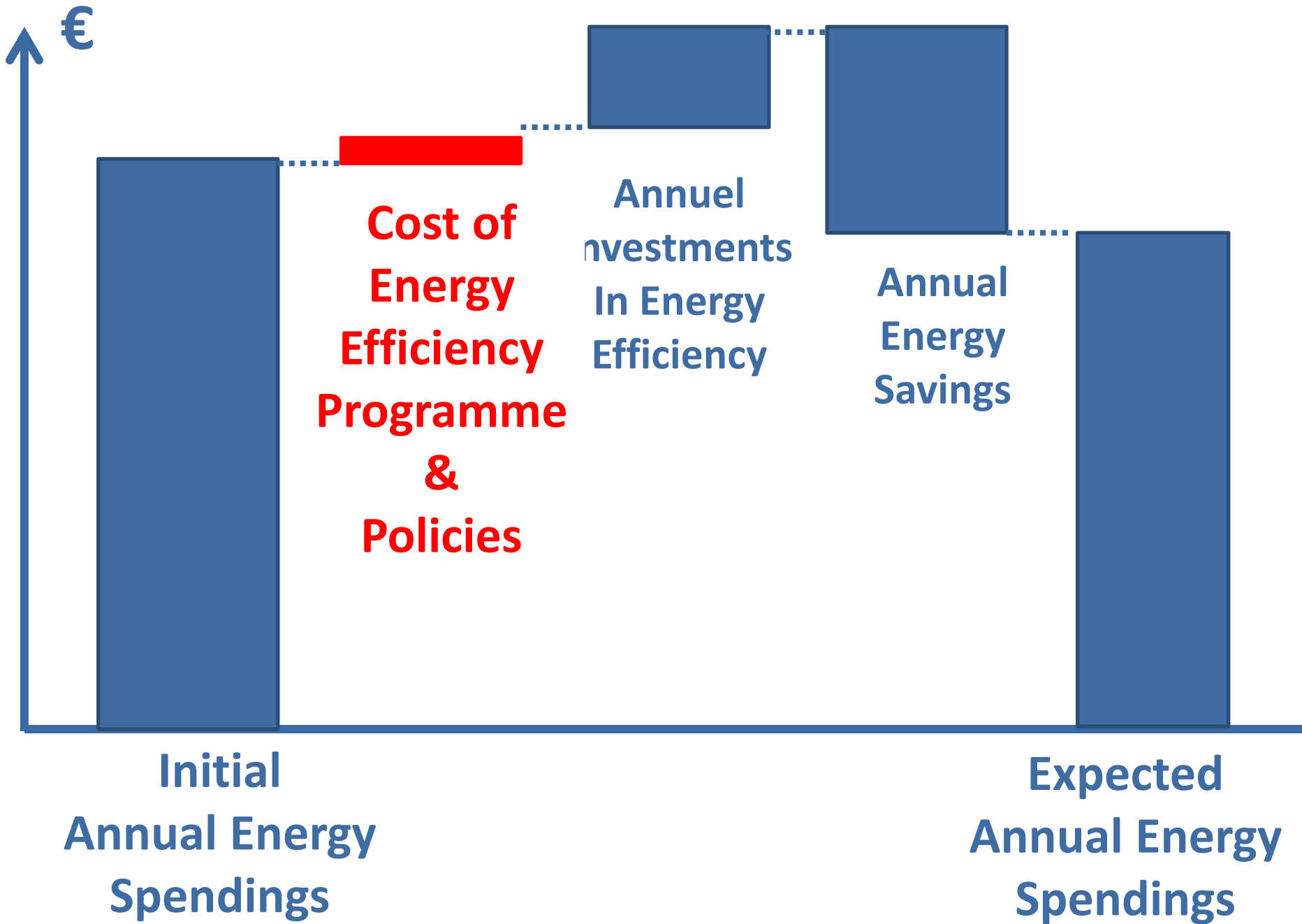
Share of global mandatory efficiency regulation of final energy consumption

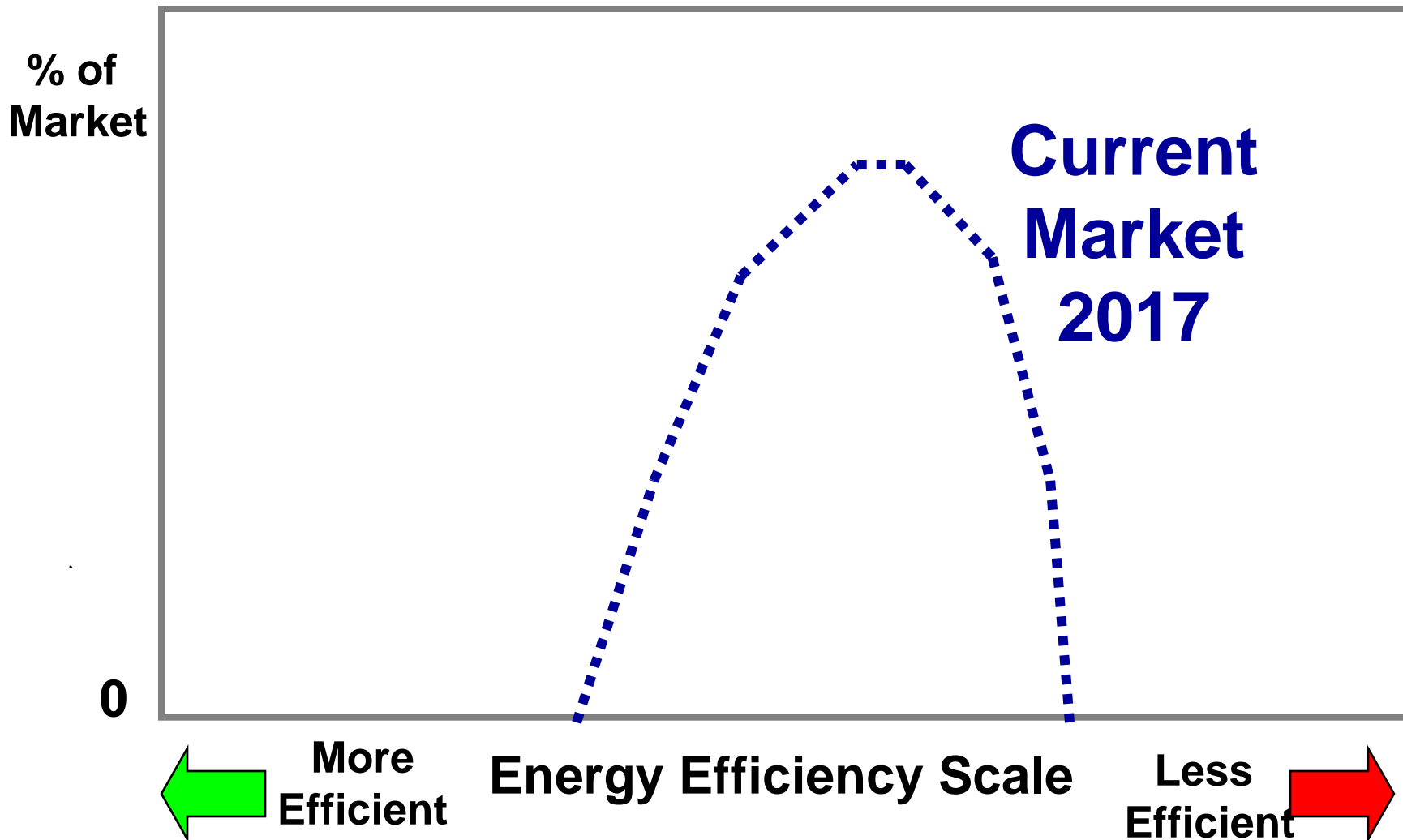


Energy efficiency policies are introduced in more countries and sectors; they continue to slow demand growth but more can be done

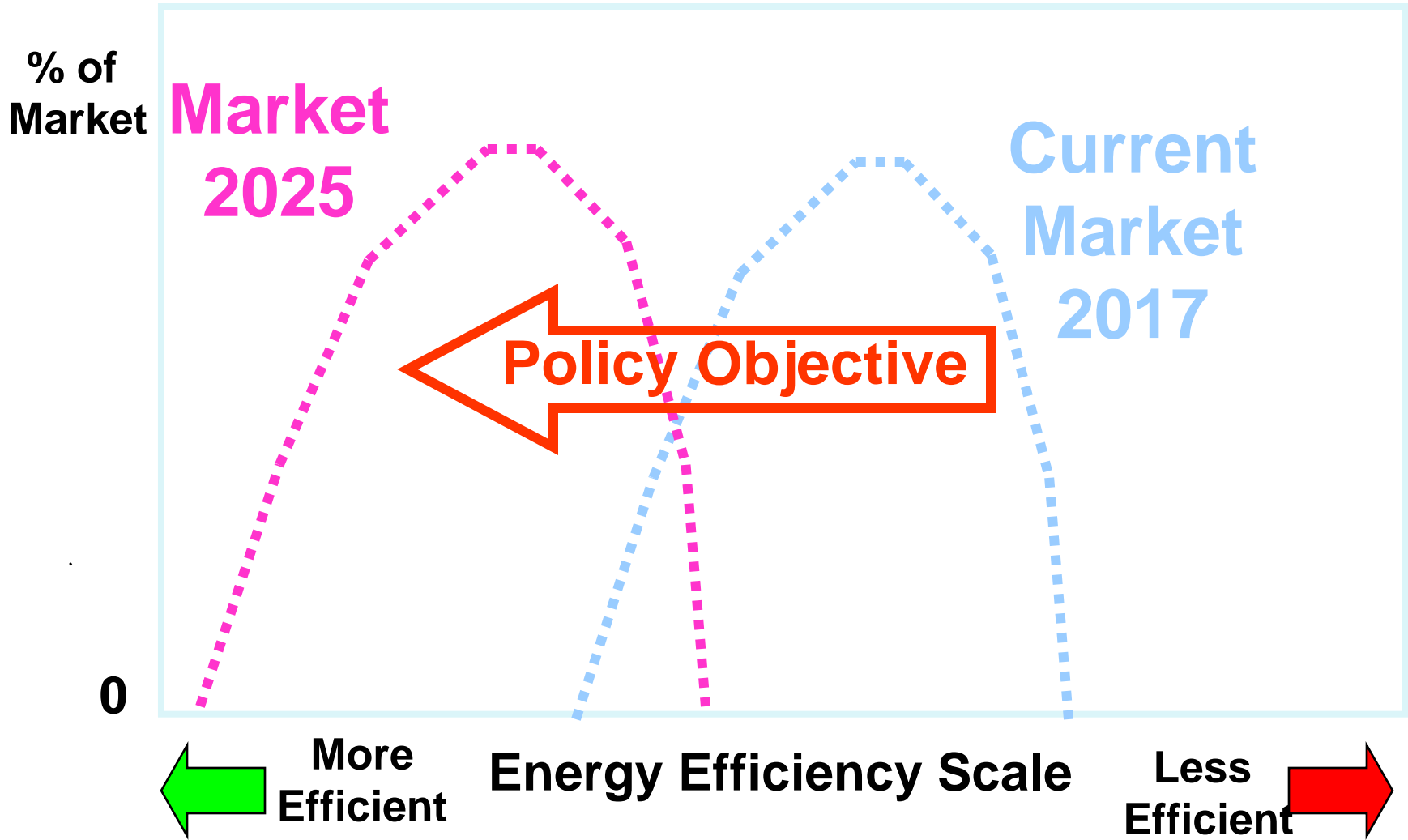
Investments Needed for 66% 2°C Scenario





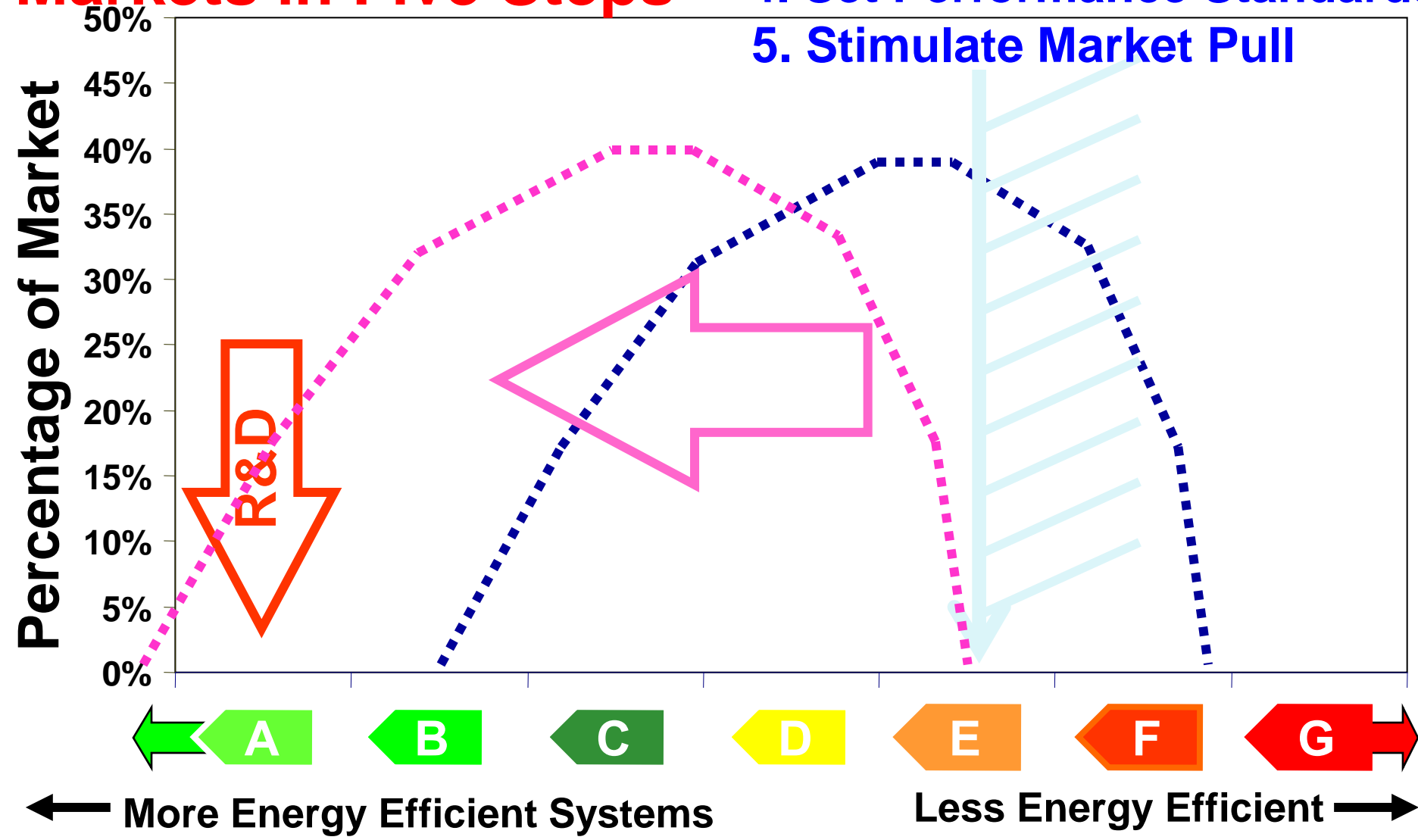


The Objective is to Transform Markets



Promoting Energy Efficiency to Transform Markets in Five Steps

1. Understand the Market
2. Info & Benchmarking
3. Stimulate Research & Dev.
4. Set Performance Standards
5. Stimulate Market Pull



International Energy Efficiency Standards contribute to

- **Set common metrics**
- **Greater Market Transparency**
- **Reduced Costs for Product Testing & Design**
- **Enhanced Prospects for Trade & Technology Transfer**
- **Reduced Cost for developing Government & Industry Program**

Role of National Governments

Regulations and their stability are the key drivers for the demand of and the supply for energy efficiency investments

Thank You

E-mail: benoit.lebot@ipeec.org

Tel: +33 (0)1 40 57 67 89

www.ipeec.org

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