

Industry contributions to
Building Energy Efficiency & GHG Reductions
Getting the chemistry right!

Russel Mills – Dow Chemical

on behalf of the

ICCA Energy & Climate Change Leadership Group





Big Impacts & Opportunities

Better Chemistry (Products & People)

Best Cooperation Opportunities

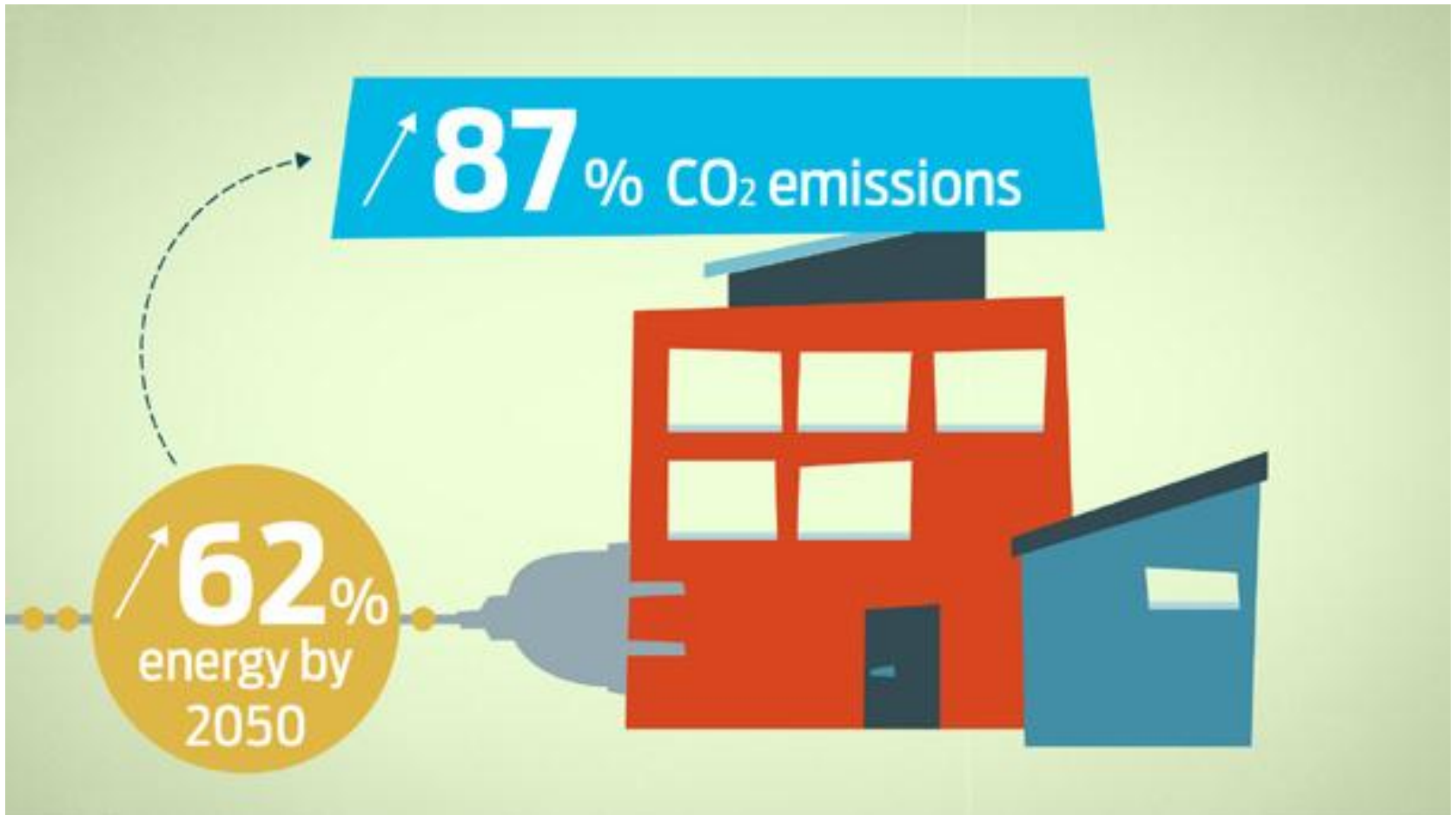
Count us all in

Count me in



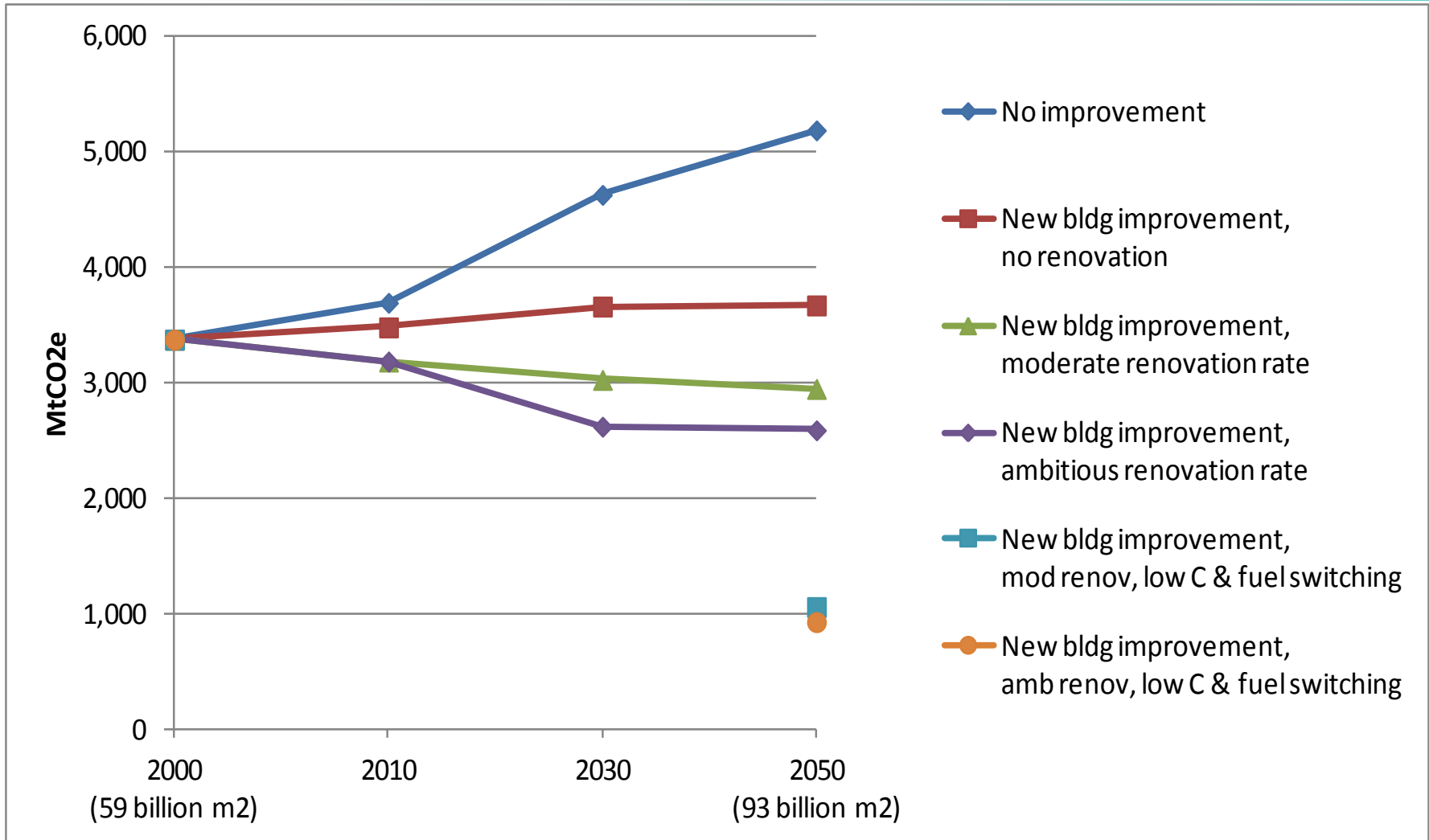


Big Impacts & Opportunities





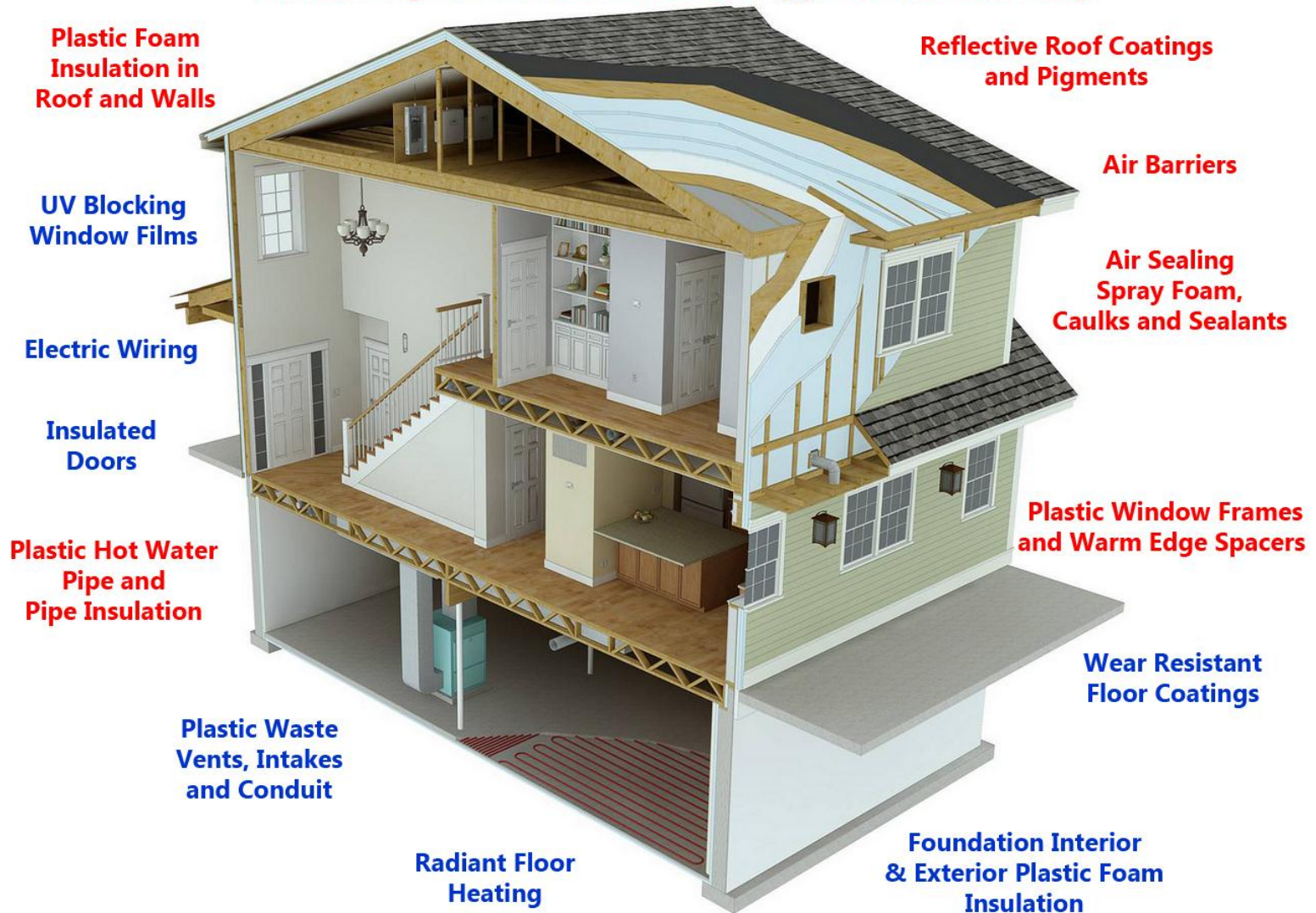
Big Impacts & Opportunities





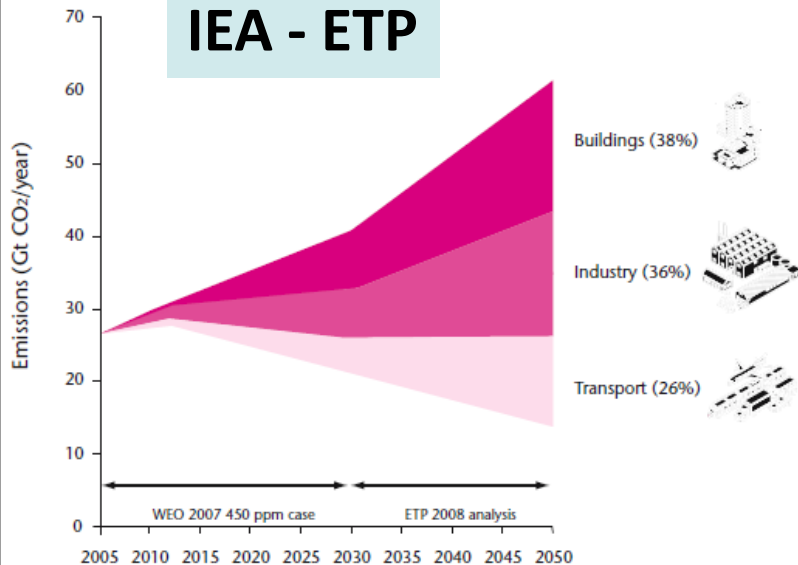
Better Chemistry (Products)

Chemistry for a Net Zero Energy Green Building



Building on existing credible work

IEA - ETP



Enhancing cooperation - energy experts & industry practitioners

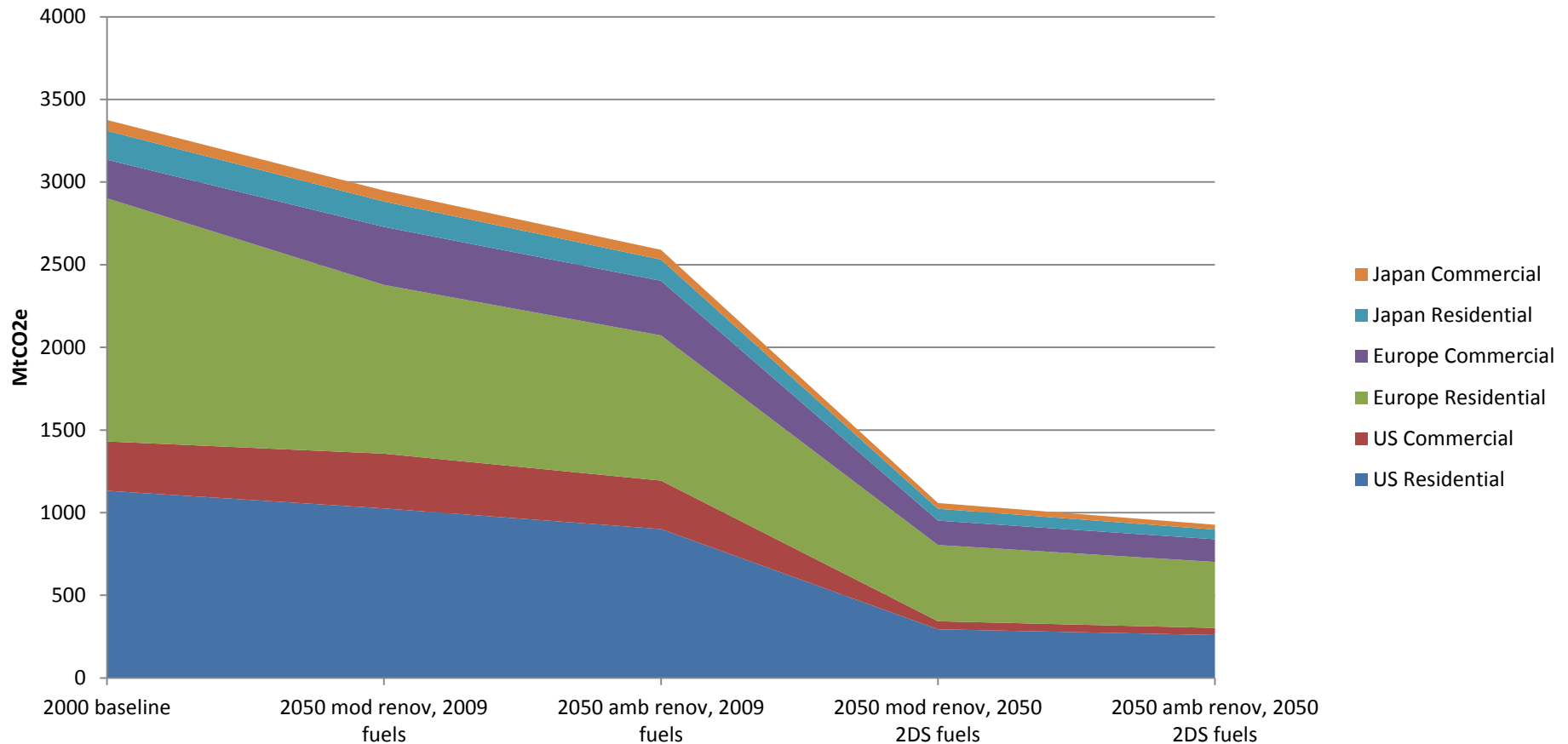


Chemistry enabled ambitious building efficiency improvements with lower-carbon fuels ... **41% energy reduction** and net **70% GHG reductions** by 2050





Best Cooperation: counting you in

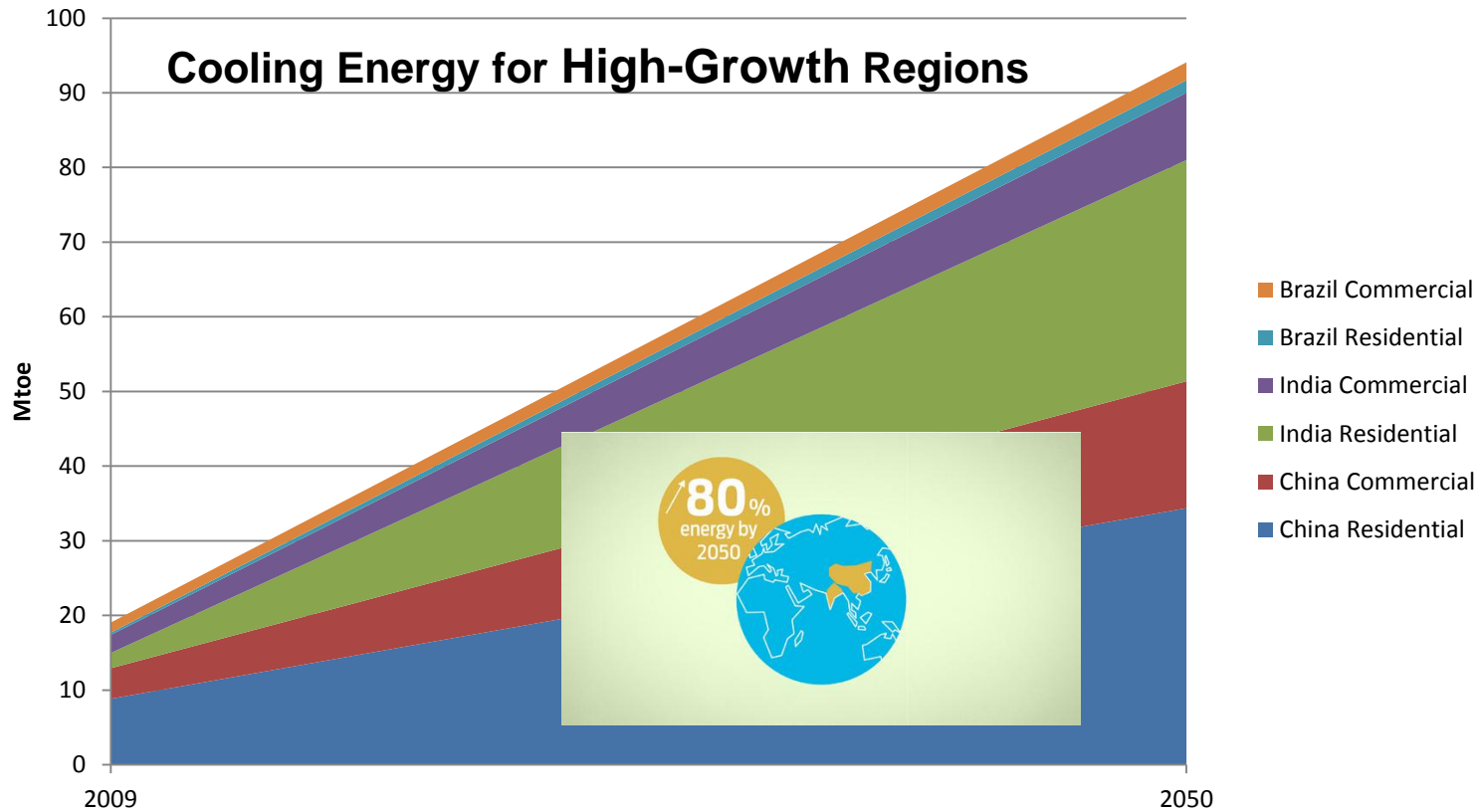


Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

Cumulative net GHG savings in EU, Japan & USA: **30 billion tCO₂e**



Best Cooperation: AND counting you in



..... individual technologies also offer major reduction potentials:
example cool roofs in Brazil 9% reduction potential (2DS)

..... Gulf region has highest level of Governmental
Buildings reaching top Green Building certifications





Building Efficiency: Count us in

ALL covered: Mitigation, Adaption & Development

NO delay reasons: existing technology, no vetoes, low costs

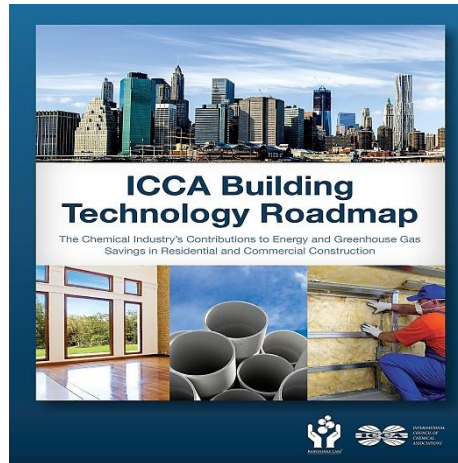
Benefits 4 All

+ Biggest Co Benefits

Sustainable Growth

Lowest Costs

Local Jobs



Actions 4 All

Govt. Buildings

Tech Cooperation

National Codes

Local Skills



Using ALL International Bodies for Benefit of ALL