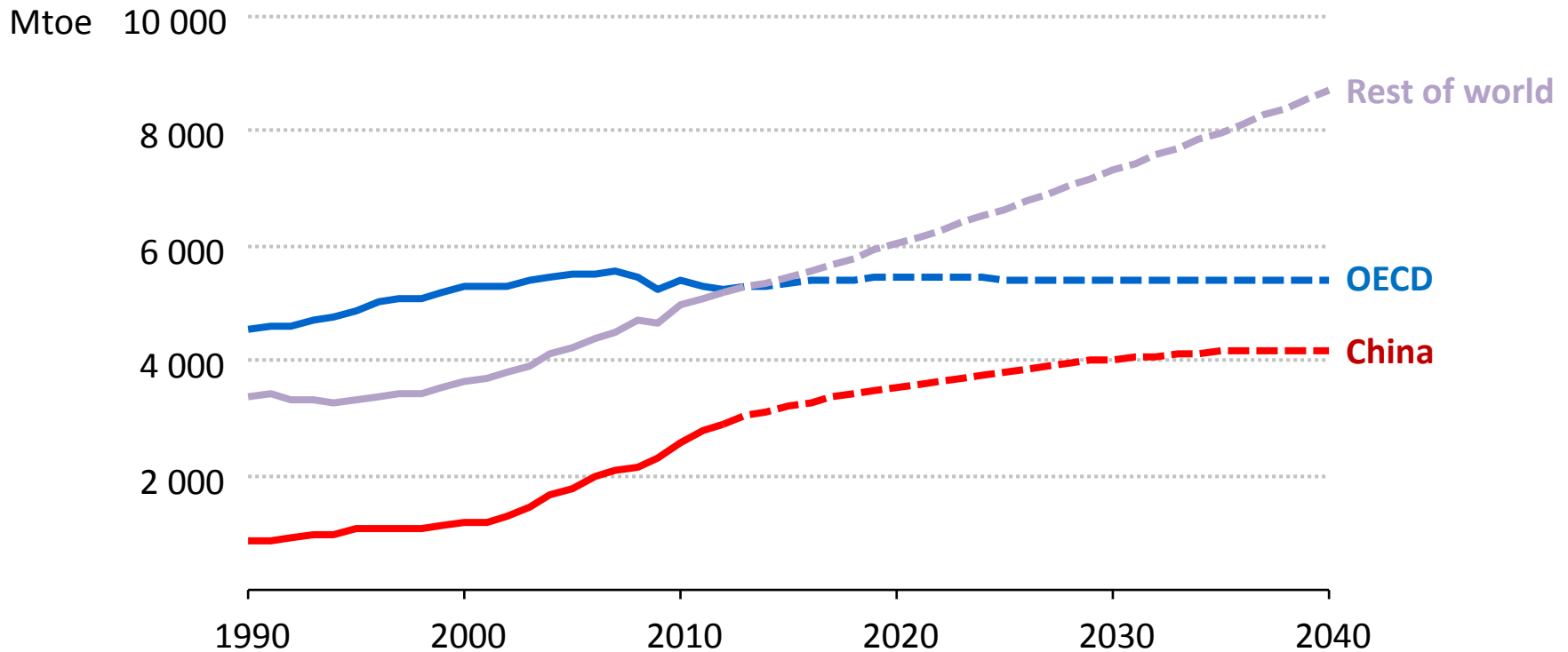


# World Energy Outlook 2014

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**Deputy Head, Global Energy Economics**  
**GGSDF, OECD, Paris, 13 November 2014**

# Changing dynamics of global demand

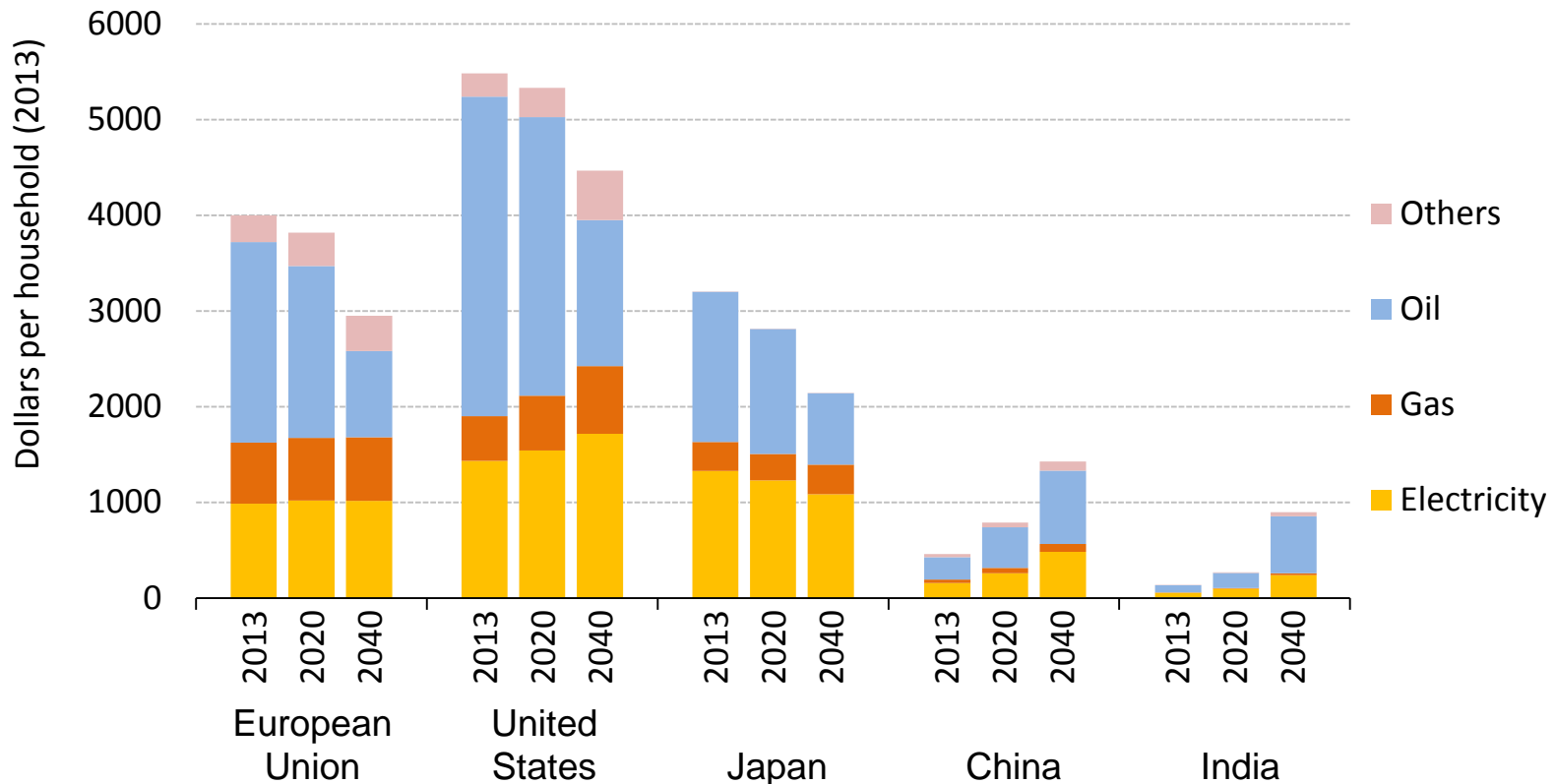
## Energy demand by region



***As China slows, then India, Southeast Asia, the Middle East and parts of Africa & Latin America take over as the engines of global energy demand growth.***

# Diverging trends in households energy expenditures

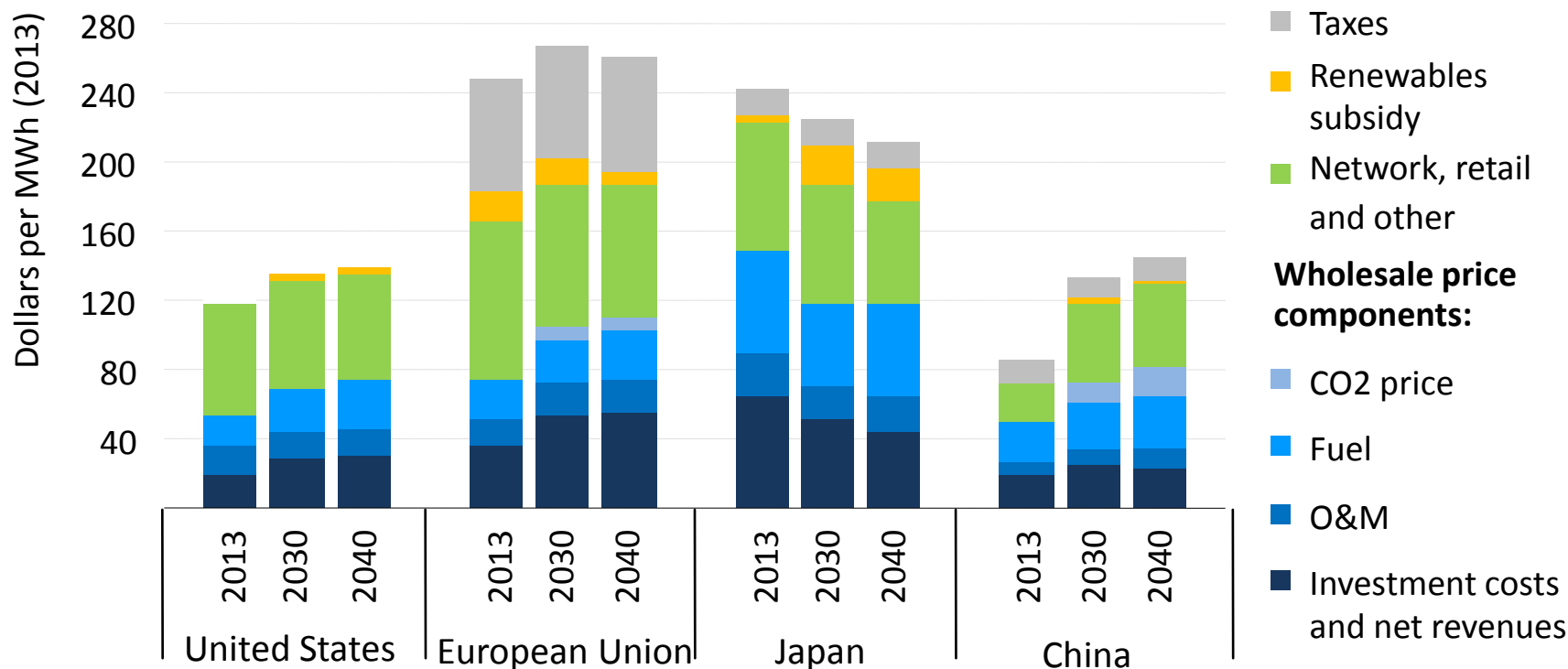
## Energy expenditures in households



***Expenditures in OECD countries decline due to new vehicles efficiency standards, but they rise fast in developing countries accounting for increasing share of income.***

# Household electricity prices span a wide range

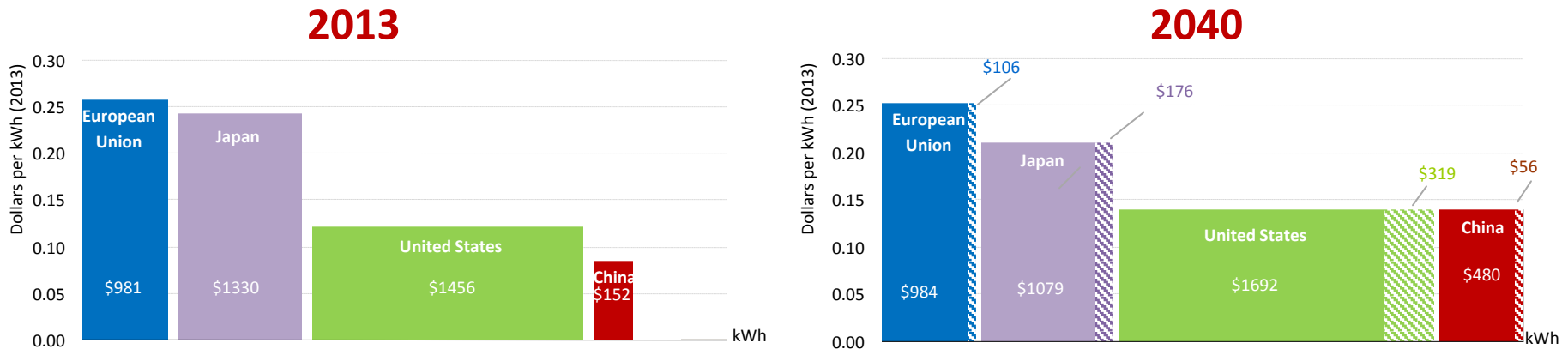
## Average household electricity prices by region in the New Policies Scenario



**Large regional differences persist, with relatively high prices in Europe and Japan, due in part to higher fuel costs, but also more support for renewables and taxes**

# Energy efficiency helps containing costs and give boost to the economy

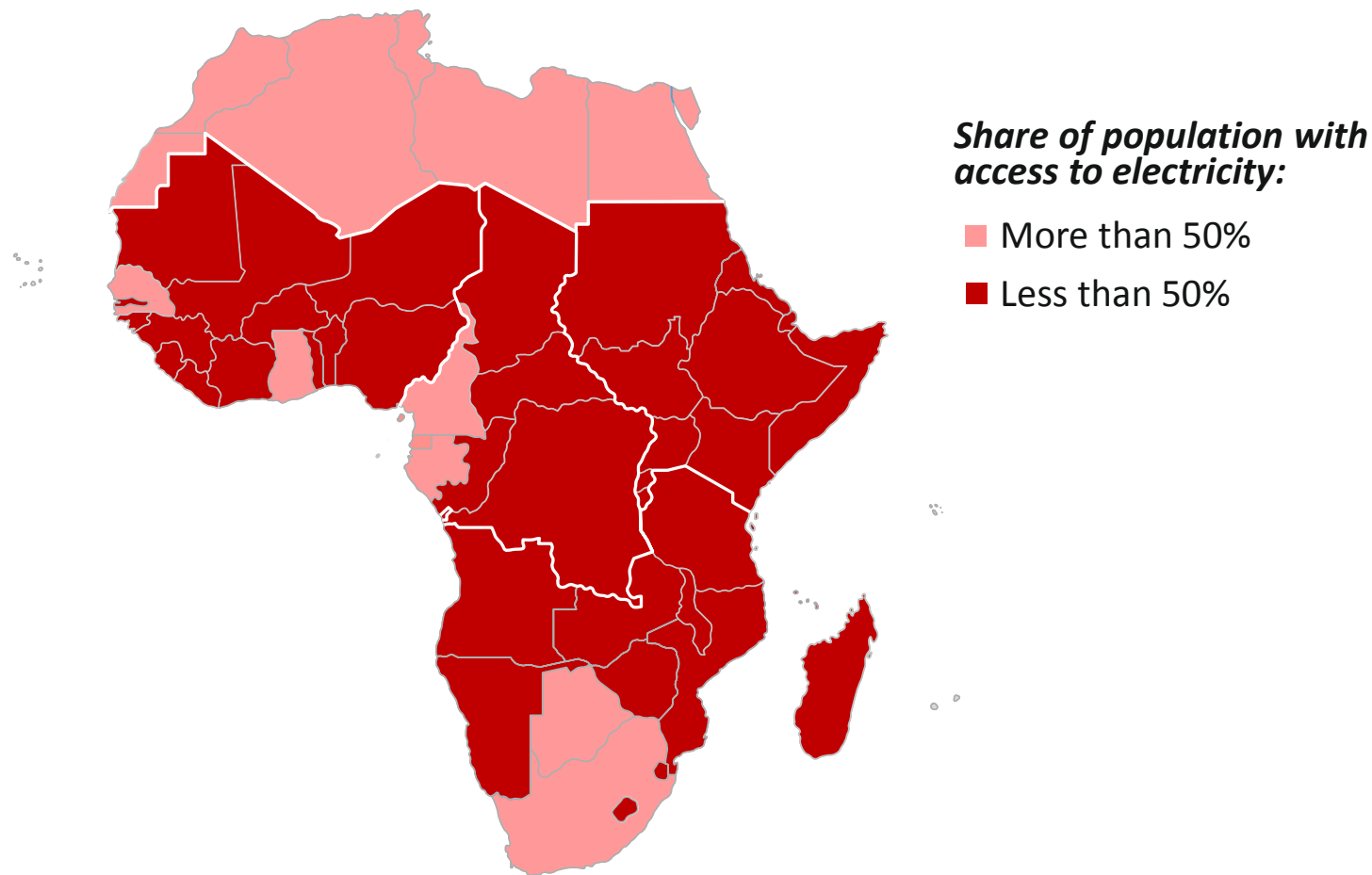
## Household electricity spending and savings due to energy efficiency



**Improvements in energy efficiency moderate the increase in households' consumer electricity bills, boosting spending in other parts of the economy.**

# Africa: rich in resources, but poor in supply

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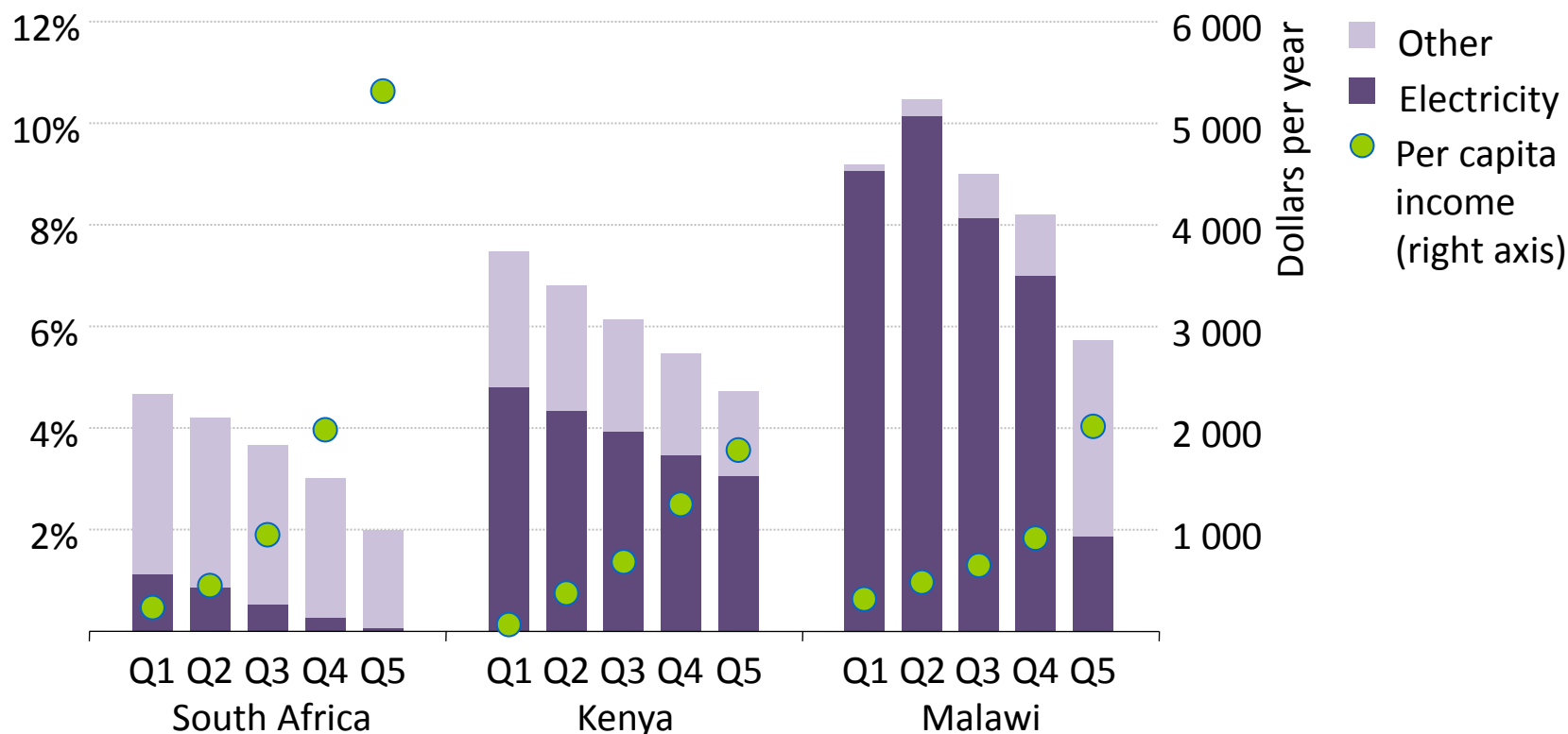


***In sub-Saharan Africa, 620 million people – two-thirds of the population – live without electricity. Only a handful of countries have electrification rates above 50%***

# The poorest face the highest share of energy spending

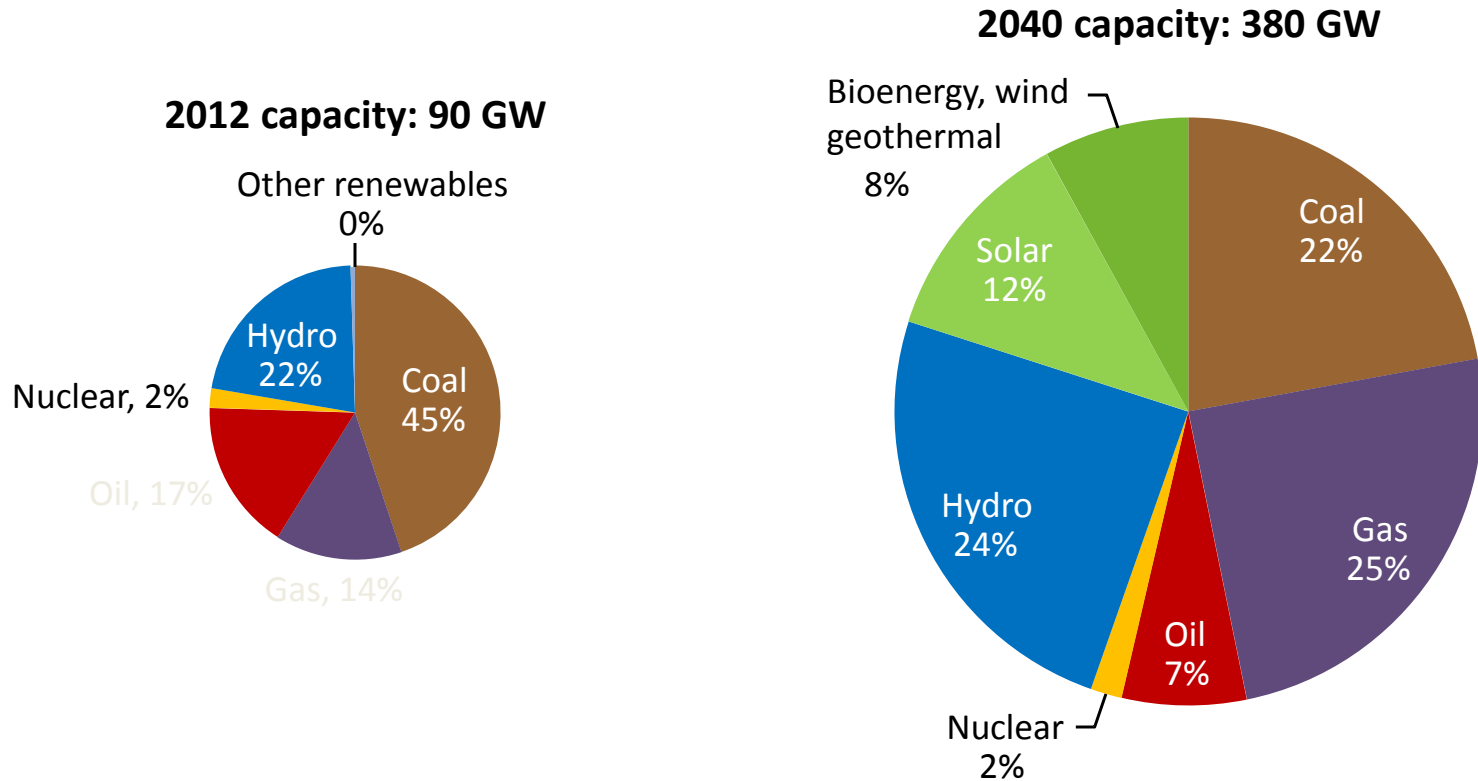
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## Household energy spending as share of income, 2012



**Across Sub-Saharan Africa, the wealthiest 20% of households account for about 50% of residential spending on energy, while the poorest 20% for just 5%**

## Installed power generation capacity by fuel in sub-Saharan Africa



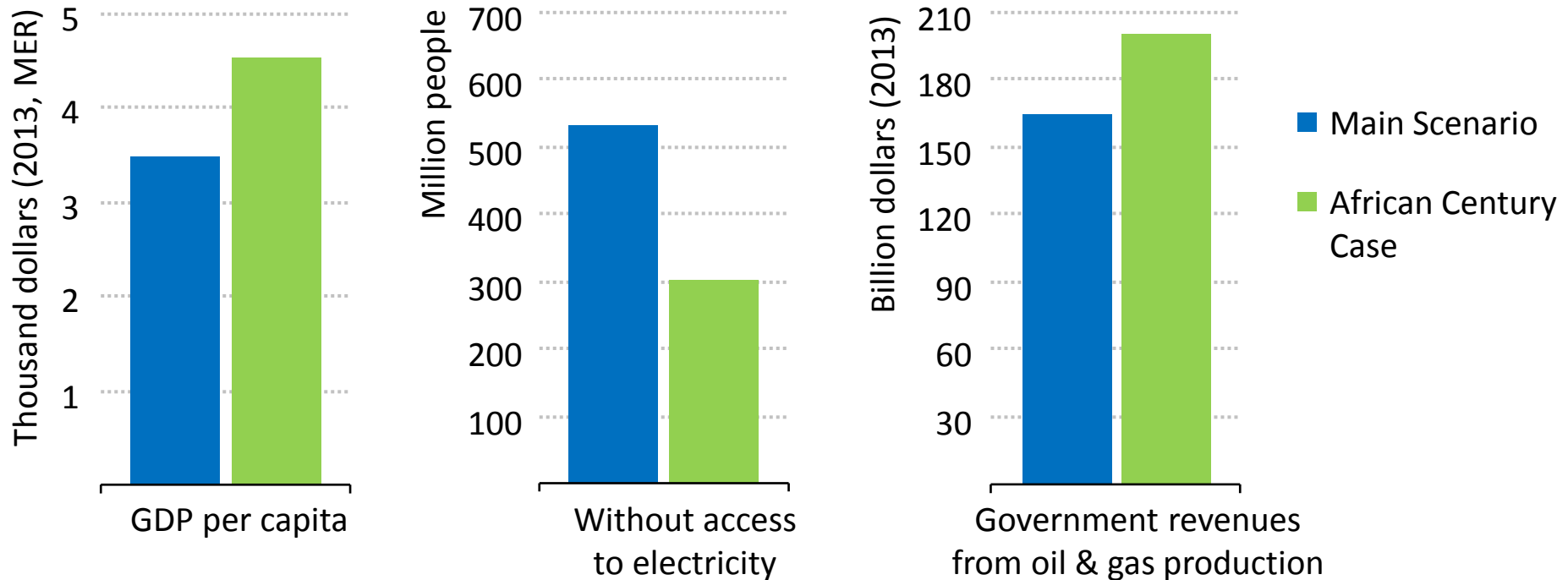
**Renewables account for almost half the growth in overall power supply & for two-thirds of the mini-grid & off-grid systems installed in rural areas**



# Energy could act as an engine of inclusive economic development

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## Outcomes in the African Century Case, 2040



***By increasing the coverage & reliability of energy supply, the African Century Case unlocks an extra decade's worth of growth and narrows income inequalities***

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