



Energy poverty globally - context

- It « costs » the world annually an additional \$US 50 billion between now and 2030 to eradicate all energy poverty and generate basic energy services of the about 3 billion people affected (IEA, WB, UNEP, 2013)
 - Most of that money is needed for electricity, a much smaller amount for biogas digesters, efficient wood stoves etc (UNDP, 2013).
 - 80% of the these investments until 2030 are most cost-effective with renewables including sustainable biomass and *excluding* external costs (IEA, 2014, IRENA 2016).
- \$US 50 billion equal 2% of revenues of largest 7 oil & gas companies (2014), 1% of FF subsidies (IMF) and or about 0.05% of global GDP 2015 – or twice the nuclear reactor in UK (Hinkley)**