

Some Contextual Issues in Housing: Context, Trends, and Requirements

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"We're waiting for the city to come to us..."

Some Statistics

- **Population**

- 34,856,813 (2014)
- 28,430,800 (Rural)
- 6,426,013 (Urban (18%)) - “Population centres legally gazetted as town, municipal, or city councils” - **196 Centres (Up from 110 2002)**
 - *Compare this with Ghana - A town / community with a population of more than 5,000. All other areas are considered rural (55% Urban)*
- Population Growth Rate - 2.88% (Second highest in the World)

Awareness of Principles

- **Households**

- 7,353,427 (2014)

- **Housing Backlog**

- 550,000 units (160,000 in urban areas)
- wit the current rate of population growth, this shortage will be close to 8 million by 2040.





Dwelling types across Uganda



Dwelling types across Uganda



Dwelling types across Uganda



Dwelling types across Uganda



Dwelling types across Uganda

Operational Energy

- **Electrical Connections**

- Total Grid Connections - App. 10%
- Urban Grid Connections - App. 20%

ACCOUNT NUMBER: 37745 - L

5185 UTL 0752 185185 ZAIN OR 0702 185185 WARID

Tariff: DOMESTIC

Property Reference 111-[F0001]
[TX0017]-A-08369

Payment Due Date: 10/09/2012

AL VILLAGE, LUNYO, ENTEBBE

Rate (UGX)	Amount (UGX)
	20,342
	-20,000
16	1,600
72	37,764
	3,584
18.00%	7,731



Urban Household energy Consumption

Source (Per cent of Households)	Median
Firewood (7.6%)	285.0 kg
Charcoal (88.6%)	60.0 kg
LPG (21.5%)	7.5 kg
Kerosene (24.1%)	2.5 litres
Electricity (86.1%)	78.3 kWh

Alternative Sources

- Houses with PVs
 - 3%
- Houses with Diesel Generators
 - 6%
- Energy Use in Student Housing
 - Water heating
 - Laptops/Computers

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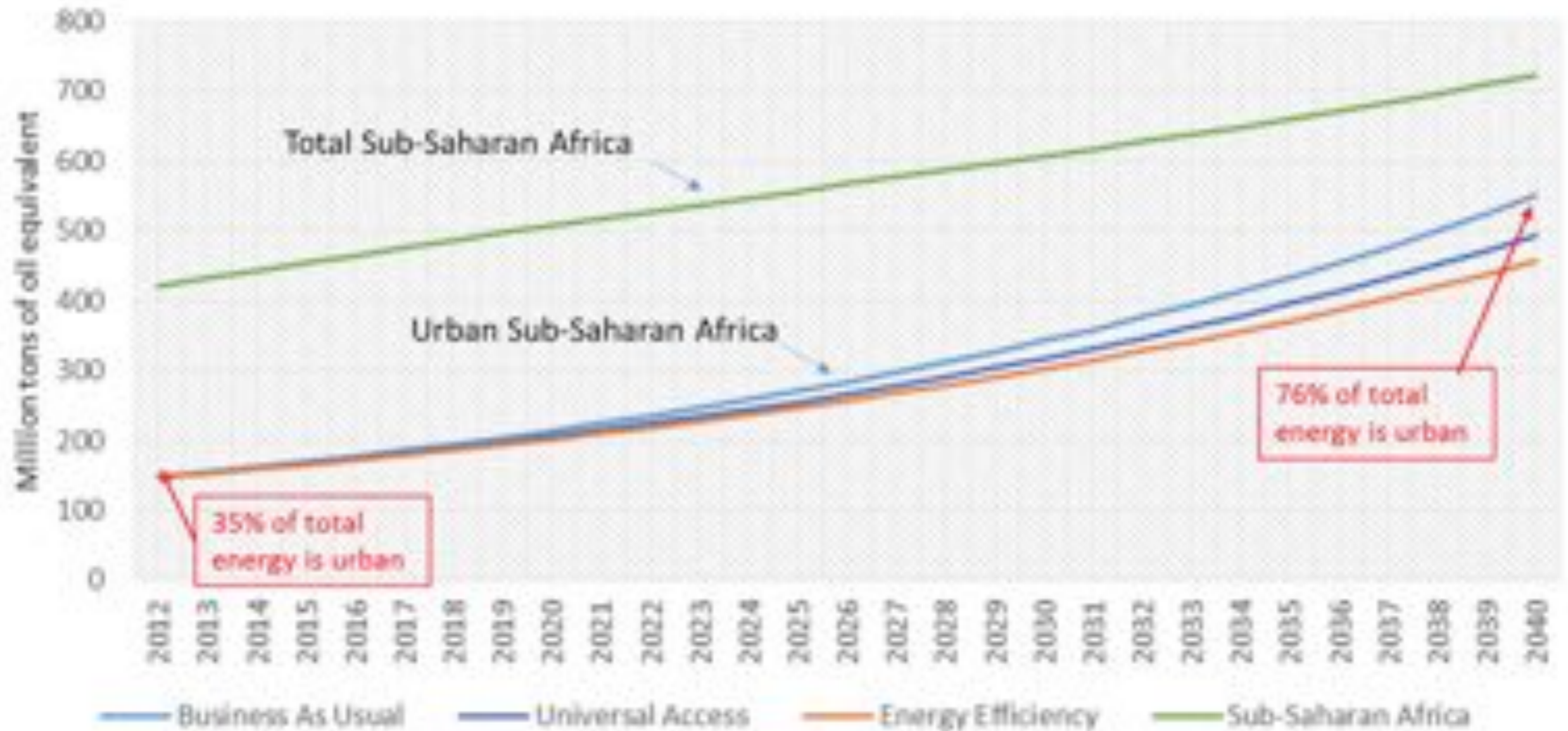
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10/09/2012

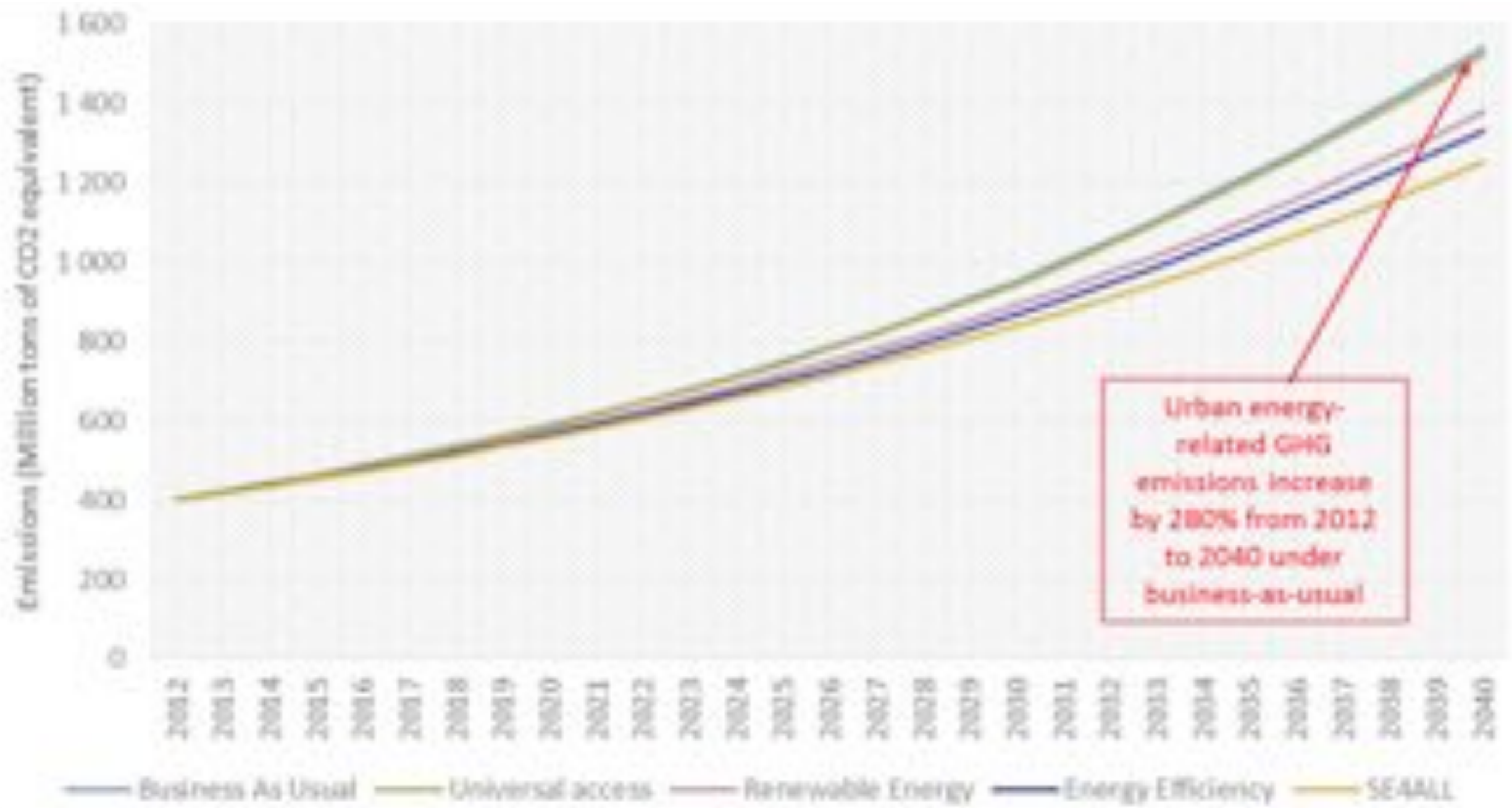
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Energy Demand Projections



Projected Green House Gas Emissions





The Mizigo



The Mizigo

Energy in Buildings (Embodied Energy)



Consequences of Brick Making





What next?

- Perceptions
 - Societal aspirations are intrinsically tied to ‘the other’
 - Links of energy use and development
 - Modern energy is expensive (user pays)
- Opportunities
 - Diffusion of innovation
 - What works and why?

Thank You!