



**UMEME**

**Powering Uganda**

# *Electricity Distribution Vision for Uganda's Industrialization*

## Investing **for Growth**

MD – Umeme  
20 June 2017



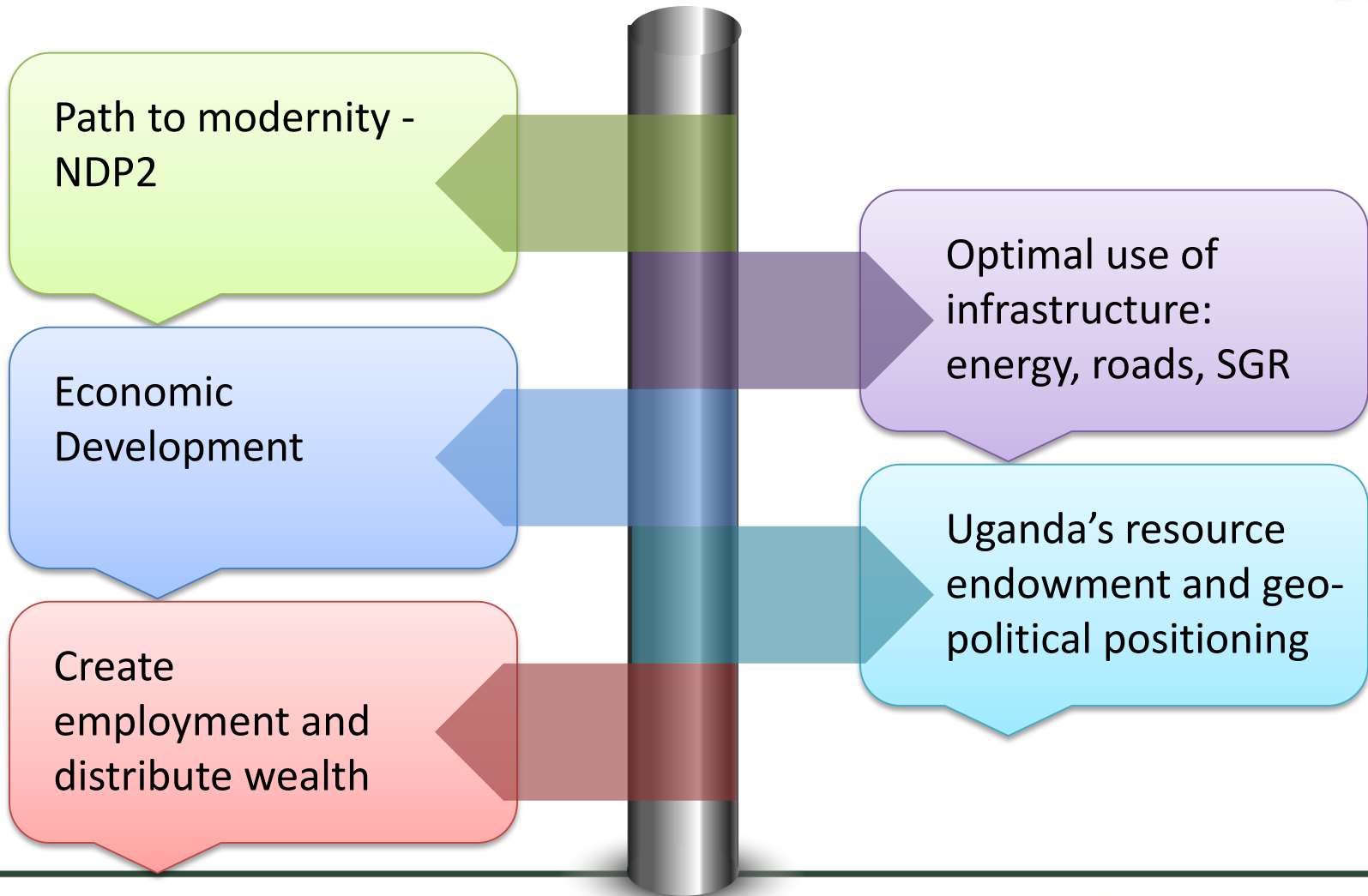
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# The Case for Industrialization



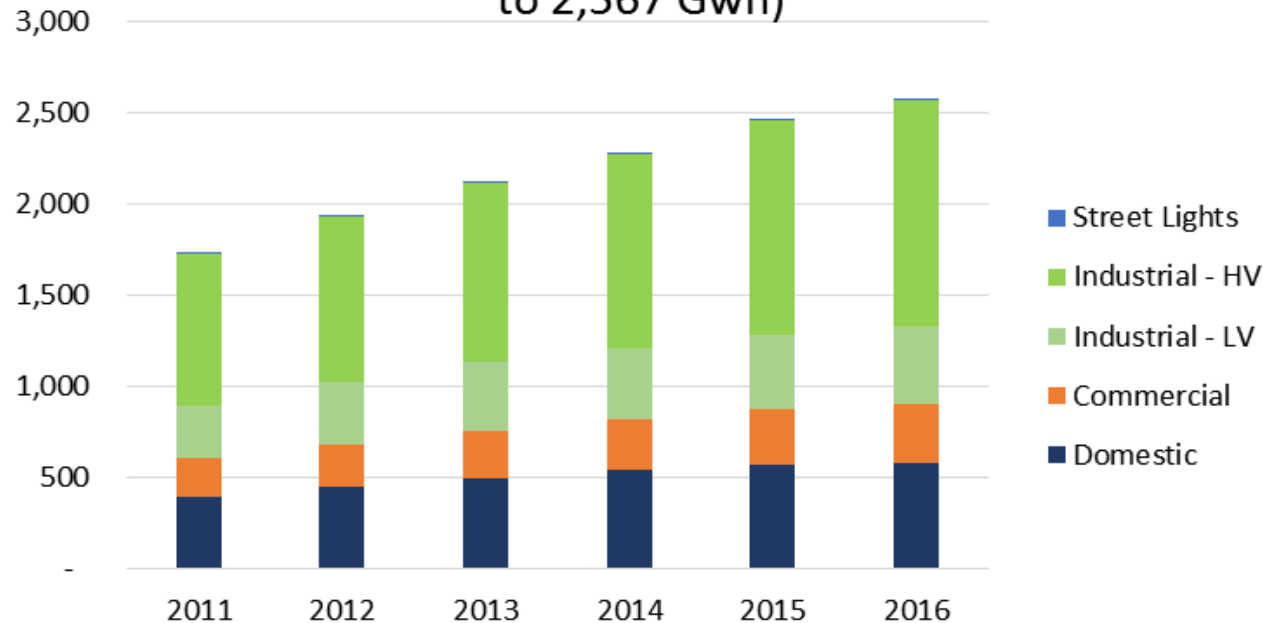
# Electrification – Core to Dev't



- 10% increase in Generation leads to 0.3% and 0.6% GDP and job growth
- Electrified household incomes X2 better off
- To be middle income increase consumption per capita from 85Kwh to 500Kwh
- Target access 40% by 2025 from current 21%

# Electricity Consumption Patterns

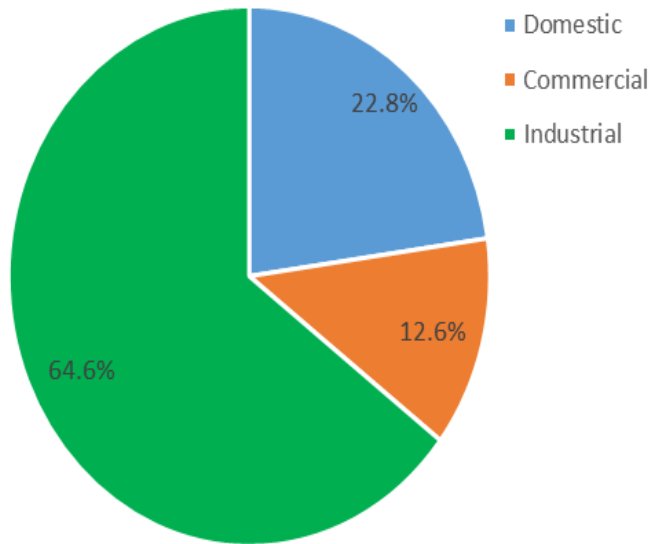
Electricity Sales - Gwh 2011 to 2016 (1,732 Gwh to 2,567 Gwh)



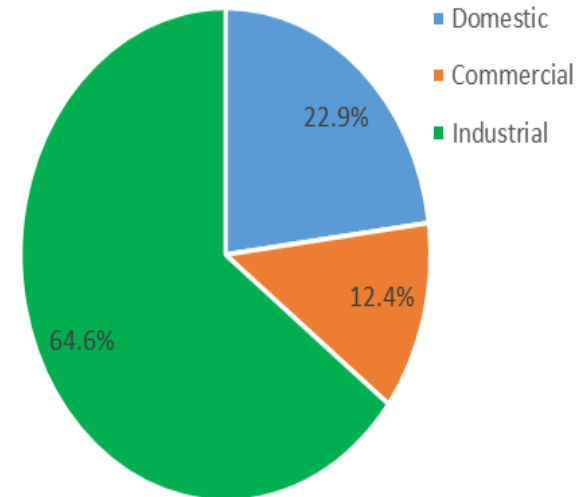
Sales By Tarriff (Kwh)	2011	2012	2013	2014	2015	2016	CAGR
Domestic	397	456	501	541	571	584	6.6%
Commercial	214	229	257	284	310	323	7.1%
Industrial - LV	286	338	379	390	406	420	6.6%
Industrial - HV	834	913	981	1,060	1,170	1,239	6.8%
Street Lights	1	1	2	2	2	2	1.2%
	<b>1,732</b>	<b>1,937</b>	<b>2,119</b>	<b>2,277</b>	<b>2,458</b>	<b>2,567</b>	

# Electricity Consumption Patterns

Consumption Pattern 2,567 Gwh - 2016



Consumption Pattern 1,732 GWh 2011

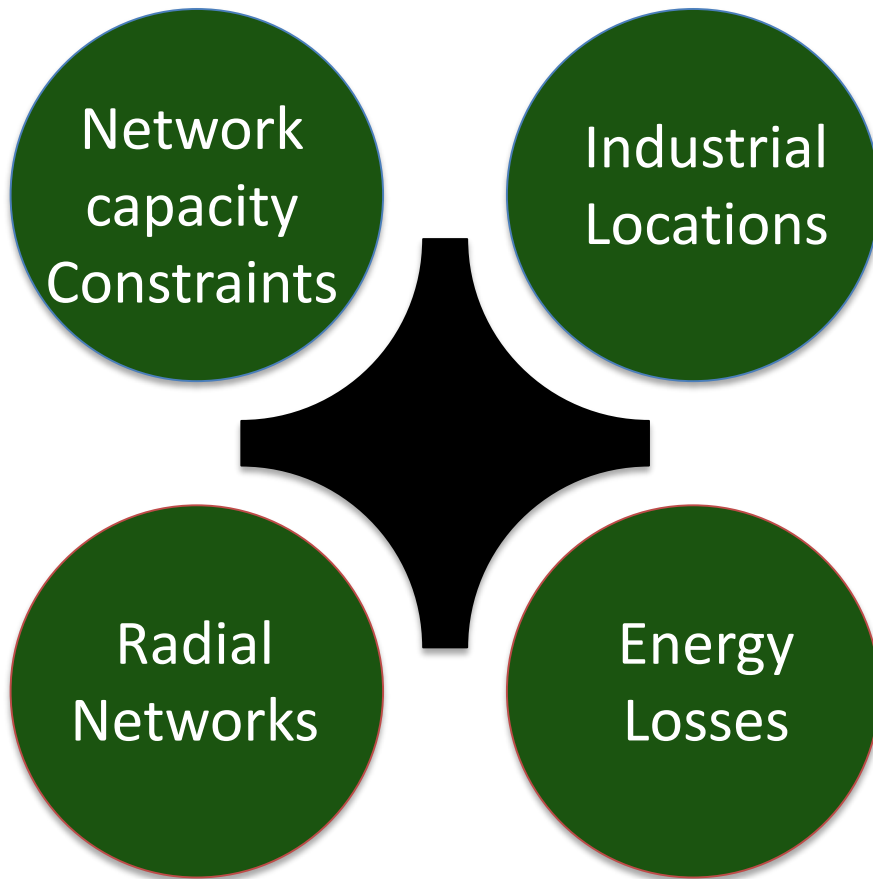


# Industrial Customers Needs



1. Reliable and Quality Supply
2. Competitive pricing
3. Electricity security

# Constraints



- To improve reliability, there is urgent need to complete and commission critical UETCL backbone projects in Mukono, Iganga, Entebbe, Luwero, and the ring across the country



# Vision for Distribution Network



- Reliable and resilient
- Adequate capacity
- Safe
- Efficient
- Flexible to operate

# Our Investment Plan - \$650m



- Focus on the 22 Priority Industrial Parks
- Distribution Integration Projects with UETCL new transmission backbone
- Improve capacity in constrained areas of Iganga, Bombo, Entebbe, Jinja, Tororo etc
- Re-enforce the existing networks, including installation of auto switches
- Increase distribution capacity

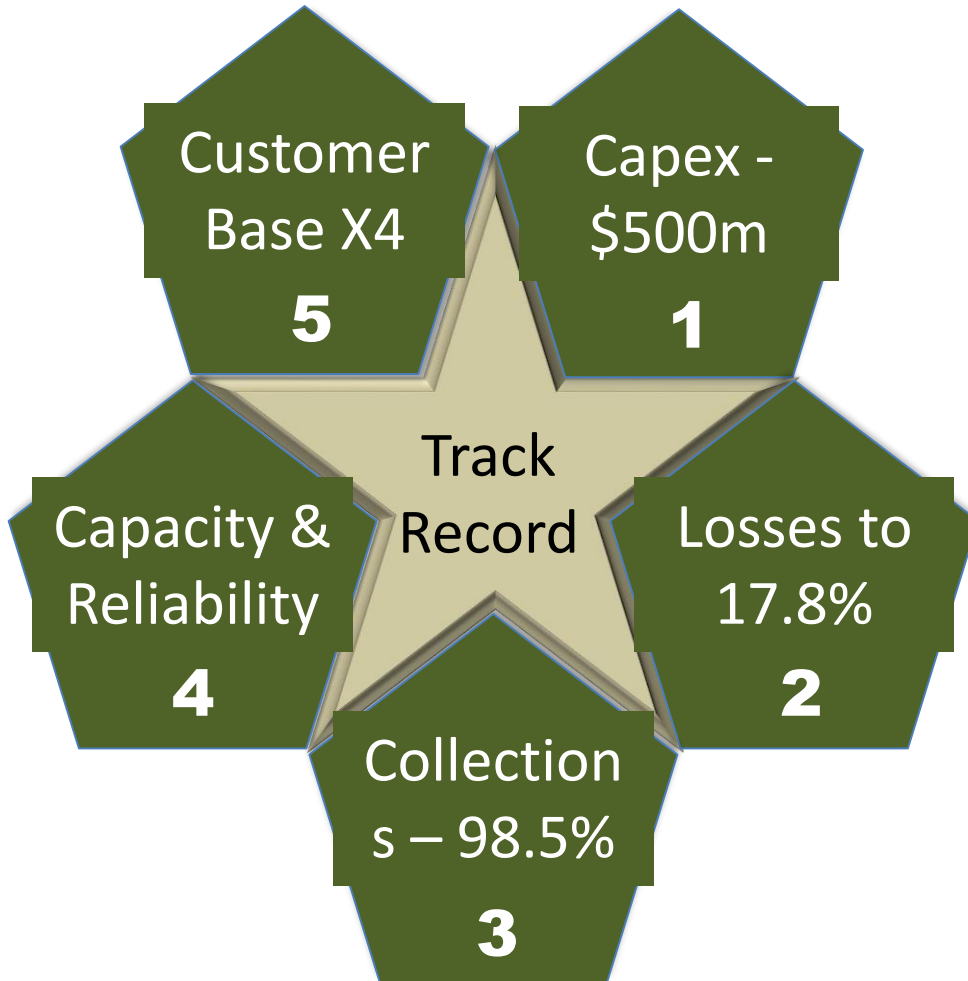
# Pipeline Industries - WiP

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- Tororo Cement expansion – 10MW
- Hima/Lafarge Cement in Tororo – 15MW
- National Cement Tororo – 10MW
- Steel & Tube – 15MW
- Namanve Industrial Park – 50Mw
- Demand along Bombo/Luwero – 50MW
- Mbalala Area – Mukono – 50MW
- Kyengera milling company – 5MW

# In Summary



- ESI continues to grow and expand.
- Focus on uptake of new plants

**Thank You**