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# THE ENERGY TRANSITION: EXPECTATIONS AND REALITIES IN AFRICA

Introduction – Sub-theme 1:

**Energy transition's impact on  
generation, transmission and  
distribution**

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Electricity Partnership (GSEP)

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# GLOBAL SUSTAINABLE ELECTRICITY PARTNERSHIP



Global  
Sustainable Electricity  
Partnership

## Members:

المكتب الوطني للكهرباء و الماء الصالح للشرب

Office National de l'Electricité et de l'Eau Potable



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国家电网公司  
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CHINA HUANENG GROUP

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Read the Global Electrification Monitor to learn more:



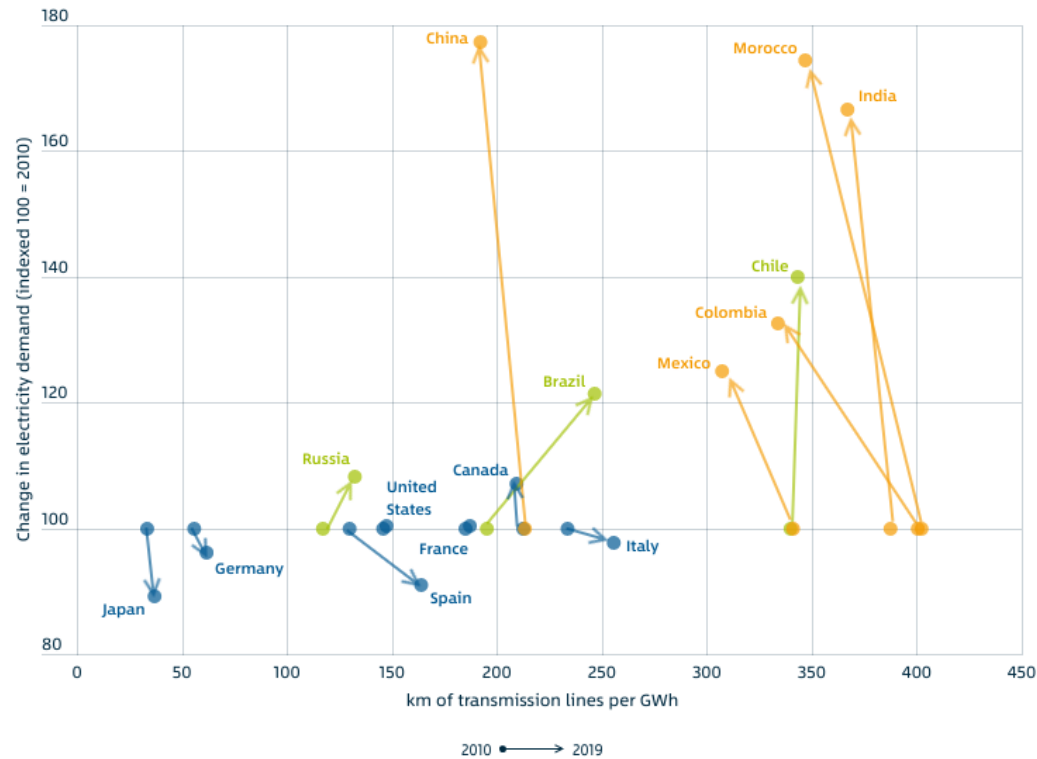
## IS ELECTRIFICATION ON TRACK?

	World SDS	World NZE	North America	Central and South America	European Union	Africa	Asia Pacific
<i>Share of electricity in total end-use consumption by sector:</i>							
Total Final Consumption	●	●	▲	●	●	▲	●
Buildings sector	●	●	▲	●	●	●	●
Transport sector	●	●	●	▲	●	▲	●
Industry sector	●	●	▲	●	●	●	●
<i>Proportion of low-carbon electricity generation</i>							
	●	●	●	●	●	●	●
<i>CO2 emissions per unit of electricity generation</i>							
	●	●	●	●	●	●	●
<i>Space for action for:</i>							
Total Final Consumption	●	●	●	●	●	●	●
Buildings sector	●	●	▲	●	●	●	●
Transport sector	●	●	●	●	●	▲	●
Industry sector	●	●	●	●	●	●	●

Legend: ● On track    ● Needs to accelerate    ● Strongly needs to accelerate    ▲ Needs to reverse trend direction

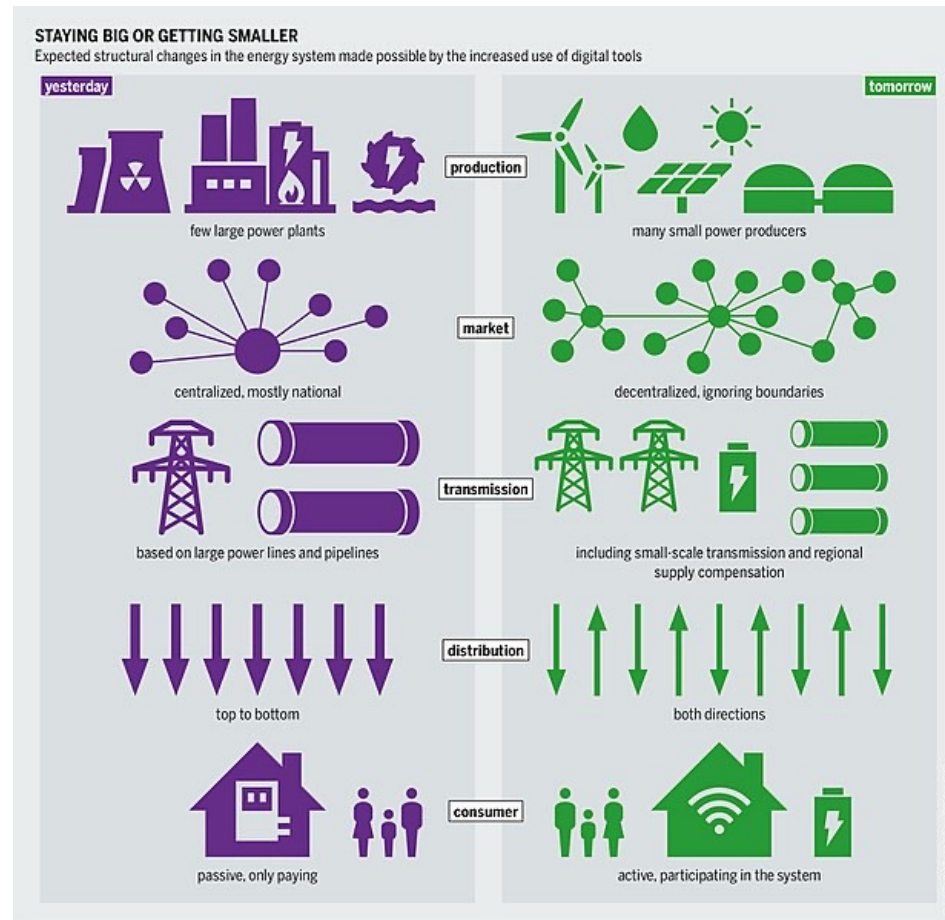


# TRANSMISSION LINE INTENSITIES AND CHANGE IN ELECTRICITY GENERATION, 2010-2019





# STRUCTURAL CHANGES TO THE ENERGY SUPPLY CHAIN



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