### UNCTAD Multi-year Expert Meeting on TRADE, SERVICES AND DEVELOPMENT

Geneva, 18-20 July 2017

#### The Essential Nature of Energy Services to Economies and Human Well-being

by

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Harvard Kennedy School
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# THE ESSENTIAL NATURE OF ENERGY SERVICES TO ECONOMIES AND HUMAN WELL-BEING

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Ashley C. Brown

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### **Energy and Quality of Life Effects**

- Impact on Women and Household Work
- Education Benefits
- Displacement of Kerosene and Wood Burning
- Macro Environmental Benefits
- Communications/Connectivity Opportunities
- Water and Sanitation

### Micro-Economic Effects

- Enables Cottage/Household Businesses
- Improves Agricultural Productivity
- Geographic Diversification of Growth Opportunities

#### Macro-Economic Effects

- Impact on Migration to Urban Areas
- Enables Industrial Development
- Improves Economic Efficiency and Productivity
- Enables Deployment of Better Technology
- Enables Development of Natural Resources