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FROM THE AMERICAN PEOPLE

The 21st Century Utility

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Office of Infrastructure & Engineering

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Low Carbon Power Sector Development Workshop

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21st Century Utility

Opportunities Strengths Weaknesses Threats Trends Innovate Market Uncertainty Change Brand Appeal Organisation Consumers Analysis Challenges Issues Position Management Understanding Marketing External Impact Future Strategy Brand

Crossroads

Minimize

cost

environmental
risk

climate impact

Maximize

opportunity

options

societal
benefit



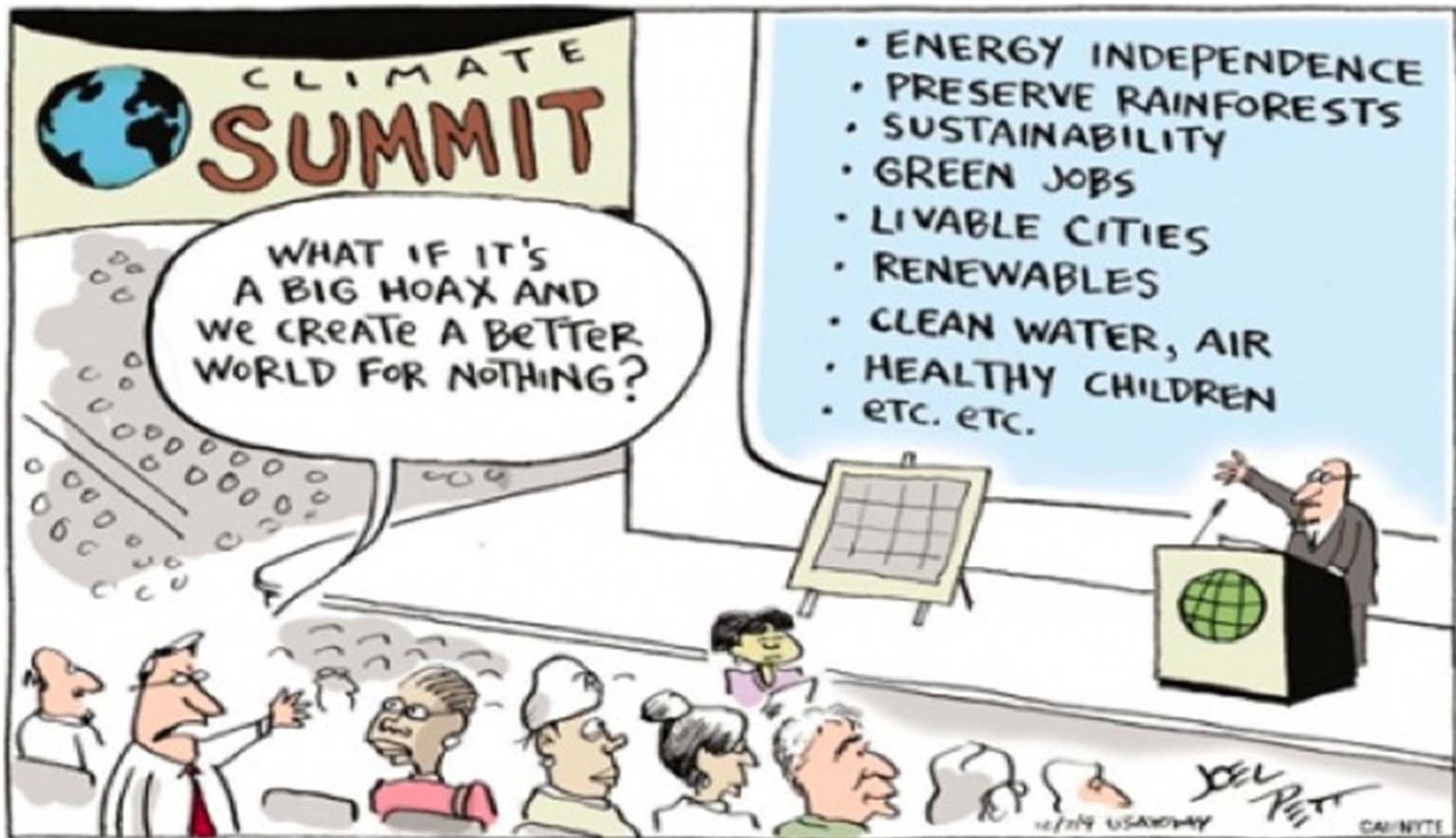
Diversify Investments

Simple,
regimented
centralized
commodity seller

Reduce capital
investment risk
across all aspects
of the business

Complex,
diversified,
innovative service
provider

Climate



Integrate Cost-Effective Renewables

Develop
range of
renewable
energy
projects

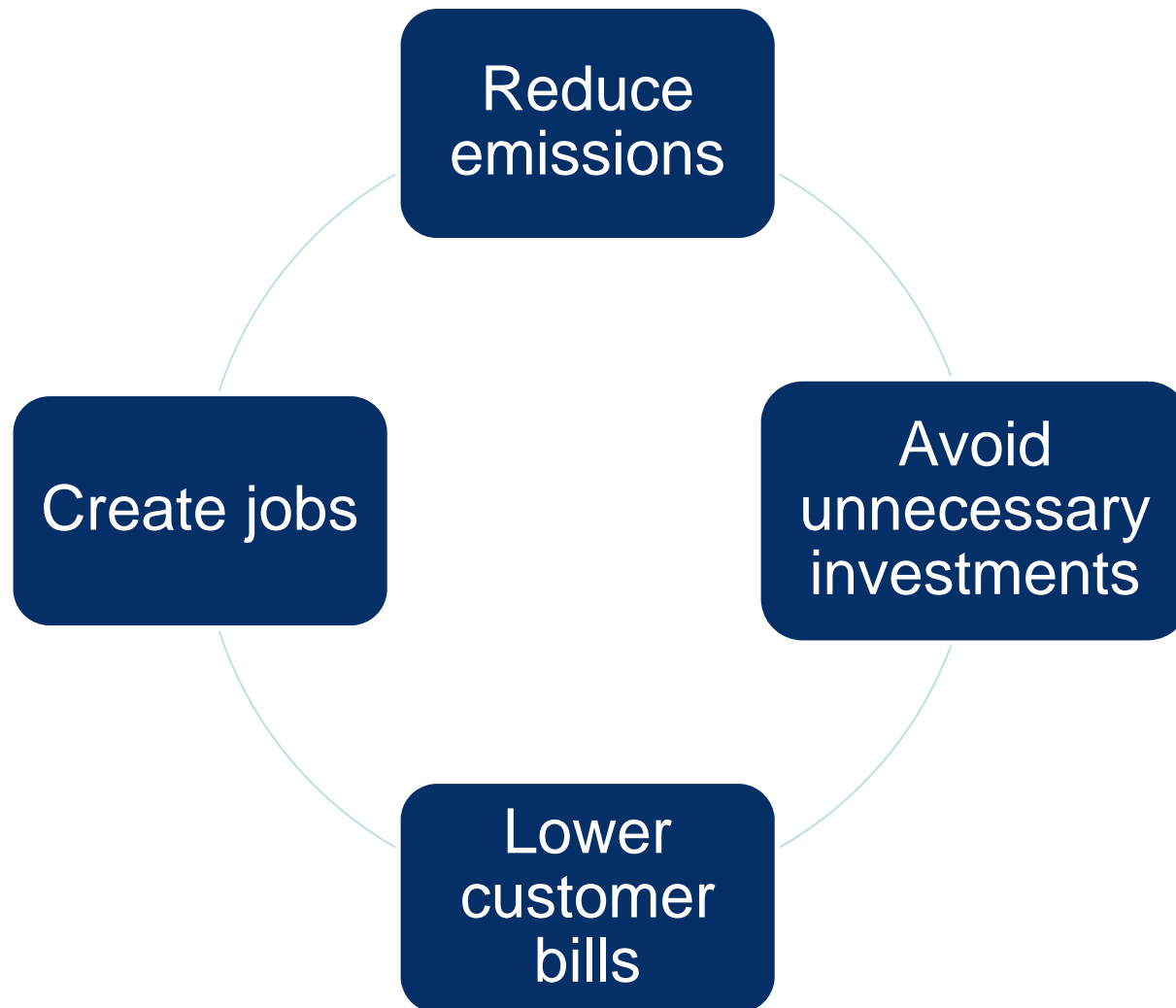
Consider PV

Evaluate
distributed
energy
resources

Create risk
hedging and
grid
management
mechanisms



Pursue Cost-Effective Energy Efficiency



Regulation

Uncertainty



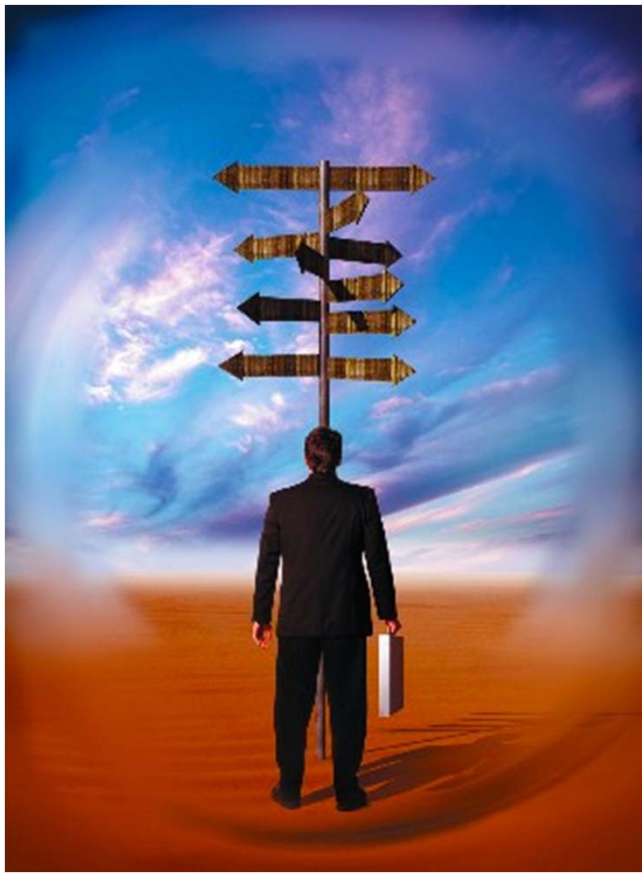
Think strategically to mitigate climate risks and prepare for emerging carbon-reducing regulations



Evaluate risk associated with potential new regulations



Low Carbon Future



Proactive stakeholder engagement

Educating the public and policy makers about complex energy issues

Pursuing all cost-effective energy efficiency

Integrating cost-effective renewable energy

Conducting robust and transparent planning

Long term planning with carbon scenarios

Thank you

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