

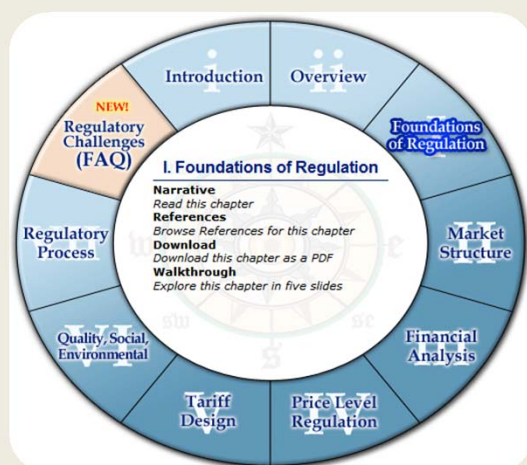
Learning Resource for Infrastructure Regulation

By Sanford Berg

Distinguished Service Professor--Economics

Funded in 2006 by the World Bank (PPIAF) to create a resource for

- Infrastructure Professionals (managers and regulators)
- Public Policy Analysts
- University students and researchers



Updated in 2009

- Frequently Asked Questions
- Translations of the Glossary

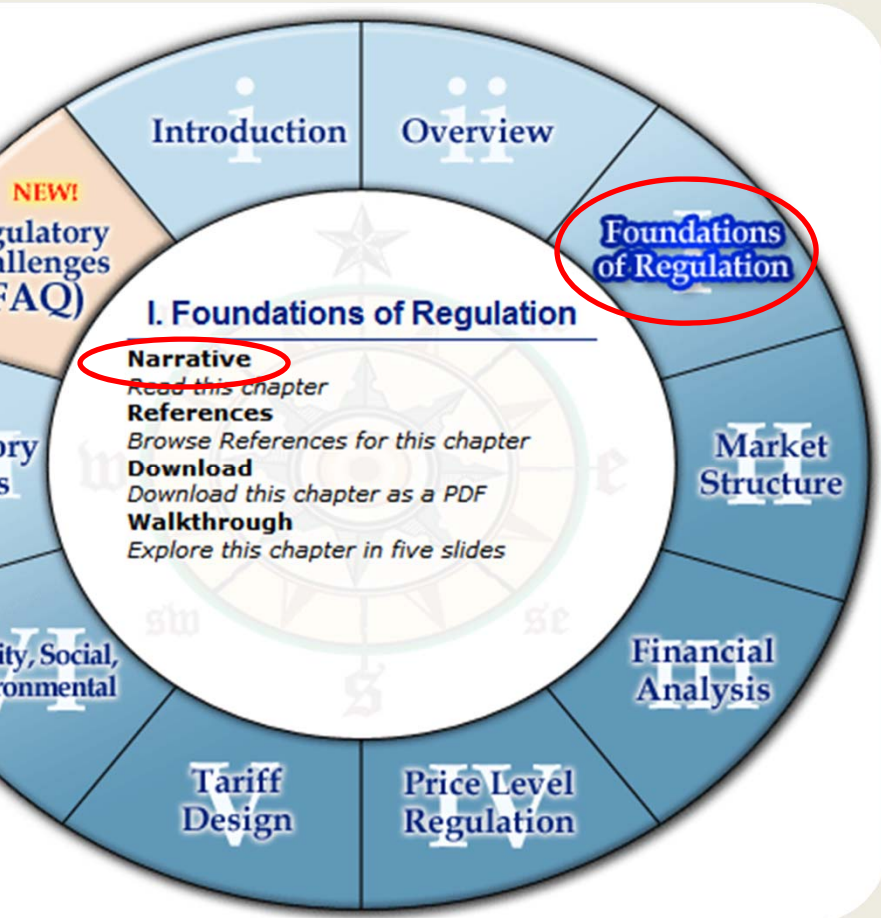
www.regulationbodyofknowledge.org

**“The one who visits you is better than
one who sends you greetings.”
(Swahili proverb from East Africa)**



Foundations of Regulation

The Body of Knowledge on Infrastructure Regulation is divided into seven main sections. Chapter I introduces the general concepts presented in the Body of Knowledge.





Wisdom is not like gold that it
could be tied up and kept in a safe

"(A. J. ...)"

The BoKIR first examines utility market reforms.

development of regulation:
regulatory agencies, regulation of state-owned enterprises, concessions, and legislative approaches.

market structure and performance:
regulation competition

Regulation of public versus private operators

Theories of regulation

Policy Challenges
Introduction
Key Concepts
Utility Market Reforms
Development of Regulation
Market Structure and Performance
Regulating Public vs. Private Operators
Theories of Regulation
Concluding Observations
References
Index
Appendix
Through
Through
Through

e, who begins
conversation,
es not foresee
end.”
(uritania)



Major Challenges
Introduction
Key Concepts
Regulatory Framework
Introduction
Utility Market Reforms
Development of Regulation
Market Structure and Performance
Regulating Public vs. Private Operators
Theories of Regulation
Including Observations
References
Testing
Through
Conclusion
Appendix
Index

Market Structure and Competition techniques.

Financial Analysis,

Incentive regulation in Regulating Overall Price Level and

Tariff Design issues.

Quality, Social, and Environmental Issues.

Regulatory Process

Recently Asked Questions

What are different types of mistakes made by regulators when conducting price reviews?

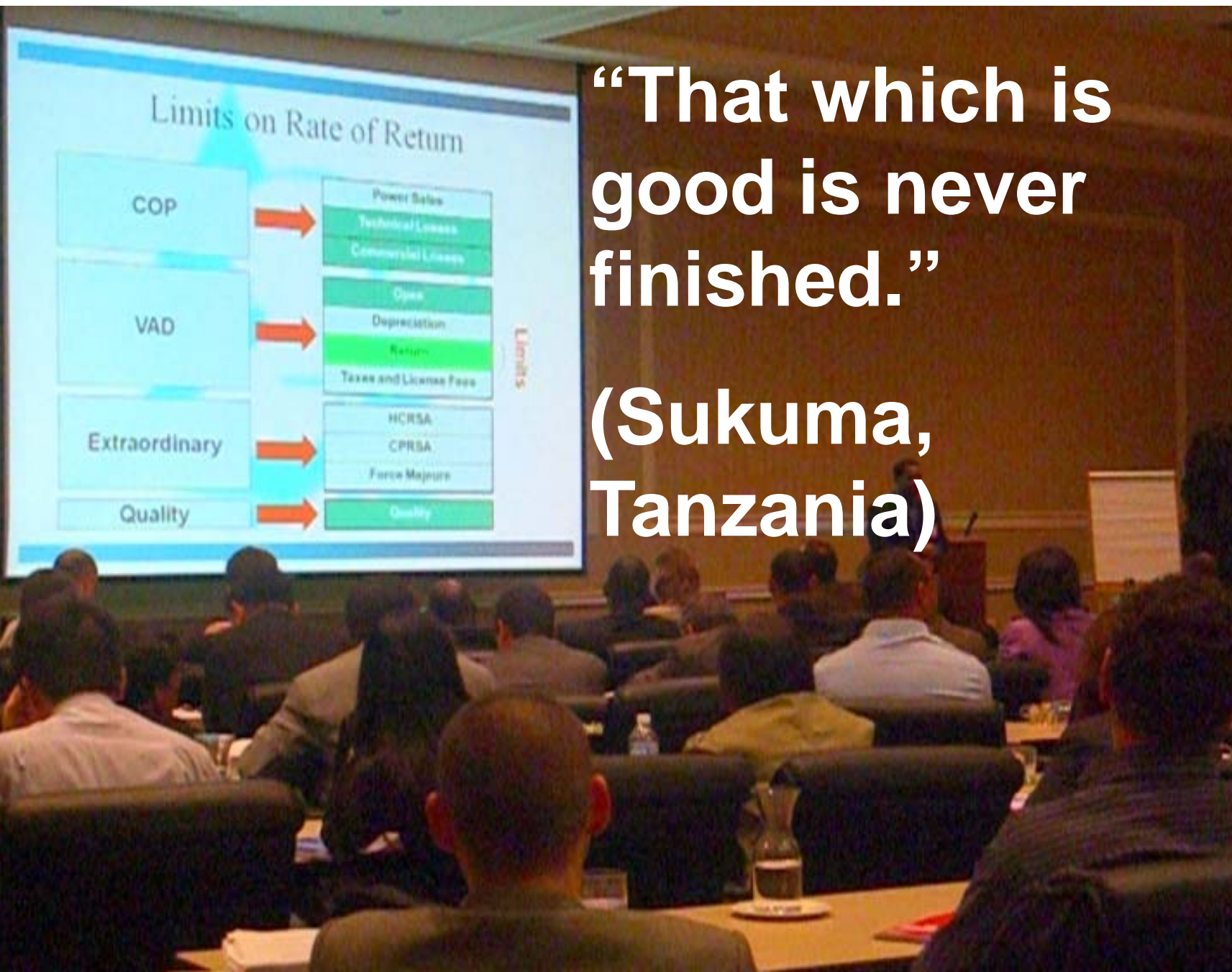
What do regulators need to do differently to tackle the needs of poor consumers?

In what ways, if any, should regulators treat SOEs differently than investor-owned infrastructure operators?

What is telecommunications interconnection and why is it important?

What are the foundations for regulatory activities in infrastructure?

Policy Challenges
Decision
Law
General Concepts
Regulative
Introduction
Liberal Market Reforms
Development of Regulation
Market Structure and Performance
Regulating Public vs. Private Operators
Theories of Regulation
Including Observations
Consequences
Testing
Through
Principles
Design
Success



“That which is good is never finished.”

(Sukuma, Tanzania)

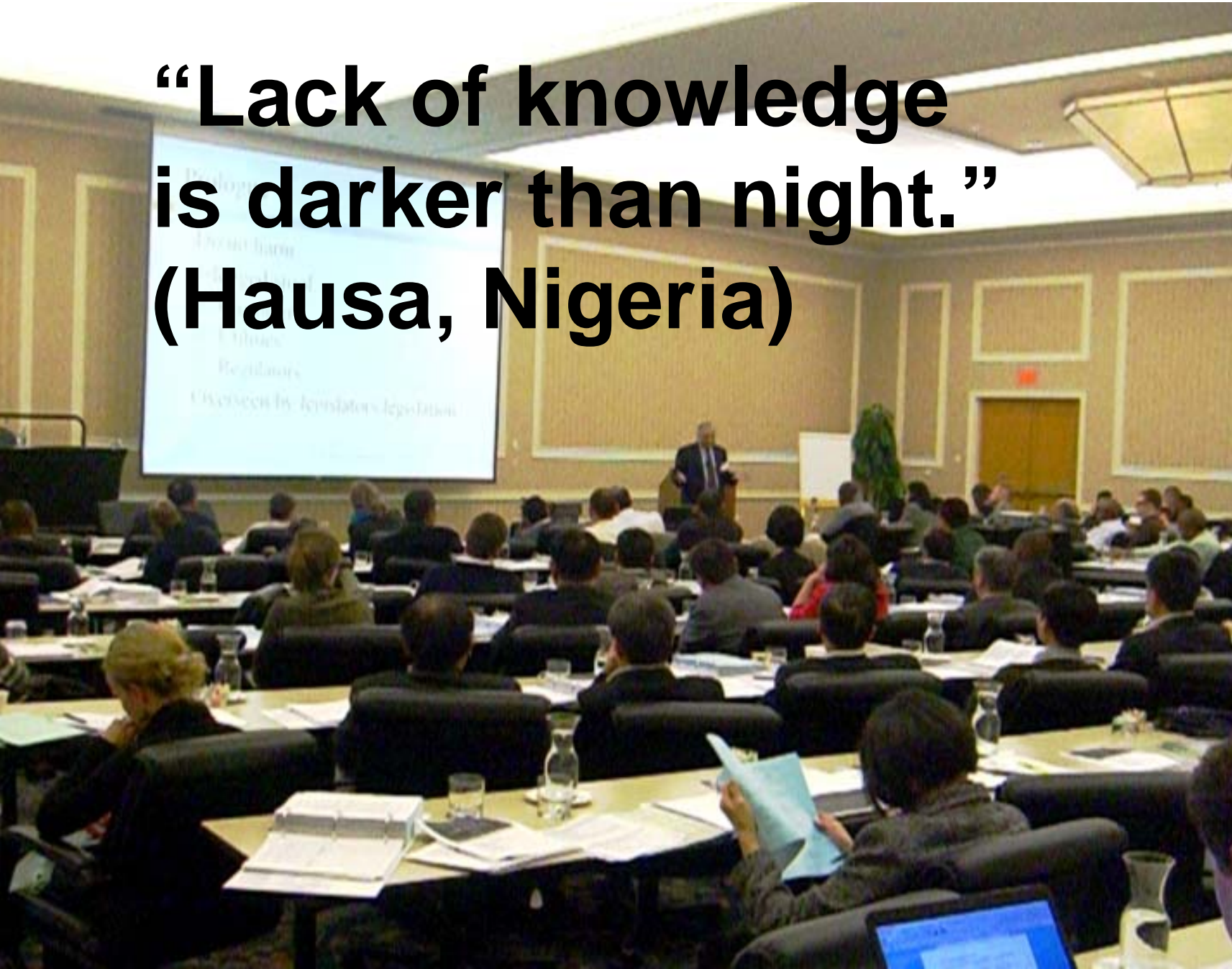
References

The literature includes decisions and publications by regulatory agencies and other governmental bodies; policy advisories by think tanks, consultants, donor agencies, etc.; and research by academics, consultants, and other experts.

Further divided into:

- Case Studies
- References
 - Core References
 - Sectoral References
 - Other References

**“Lack of knowledge
is darker than night.”
(Hausa, Nigeria)**



Other Resources

Self Testing: Test your command of the BoKIR content for each section. Answers are provided with an explanation and with references for further study.

Which of the following is **false**?

- ☐ Historically, many countries in the developing world attempted to provide infrastructures service by forming state-owned monopolies.
- ☐ In recent decades, it became clear that many public sector monopolies were inefficient providers of utility services.
- ☐ During the 1980s and the 1990s, most countries dramatically increased public investment in infrastructure, leading to significant improvements in sector performance.
- ☐ Some countries have sought private capital for expanding access to infrastructure services.

Glossary: Keywords throughout the text are hyperlinked to a glossary for complete definitions (also available in other languages).

Operator: In the context of infrastructure networks, the operator is the enterprise responsible for ensuring service availability and continuity. For example, in electricity, it would be the organization responsible for ensuring that supply is in balance with demand. The word can also have a special meaning in telecommunications: a telephone company employee who assists people with calling. The role is automated in many countries.

person who never travels,
loves his mother's cooking
best in
world."
(iganda)

