

Energy and New Technologies: Five Questions

Martin J. Lowery, Ph.D.

Executive Vice President, External Affairs

National Rural Electric Cooperative Association

Chair, National Cooperative Business Association

XVII Regional Conference of ICA-Americas

Buenos Aires, Argentina

November 22, 2010



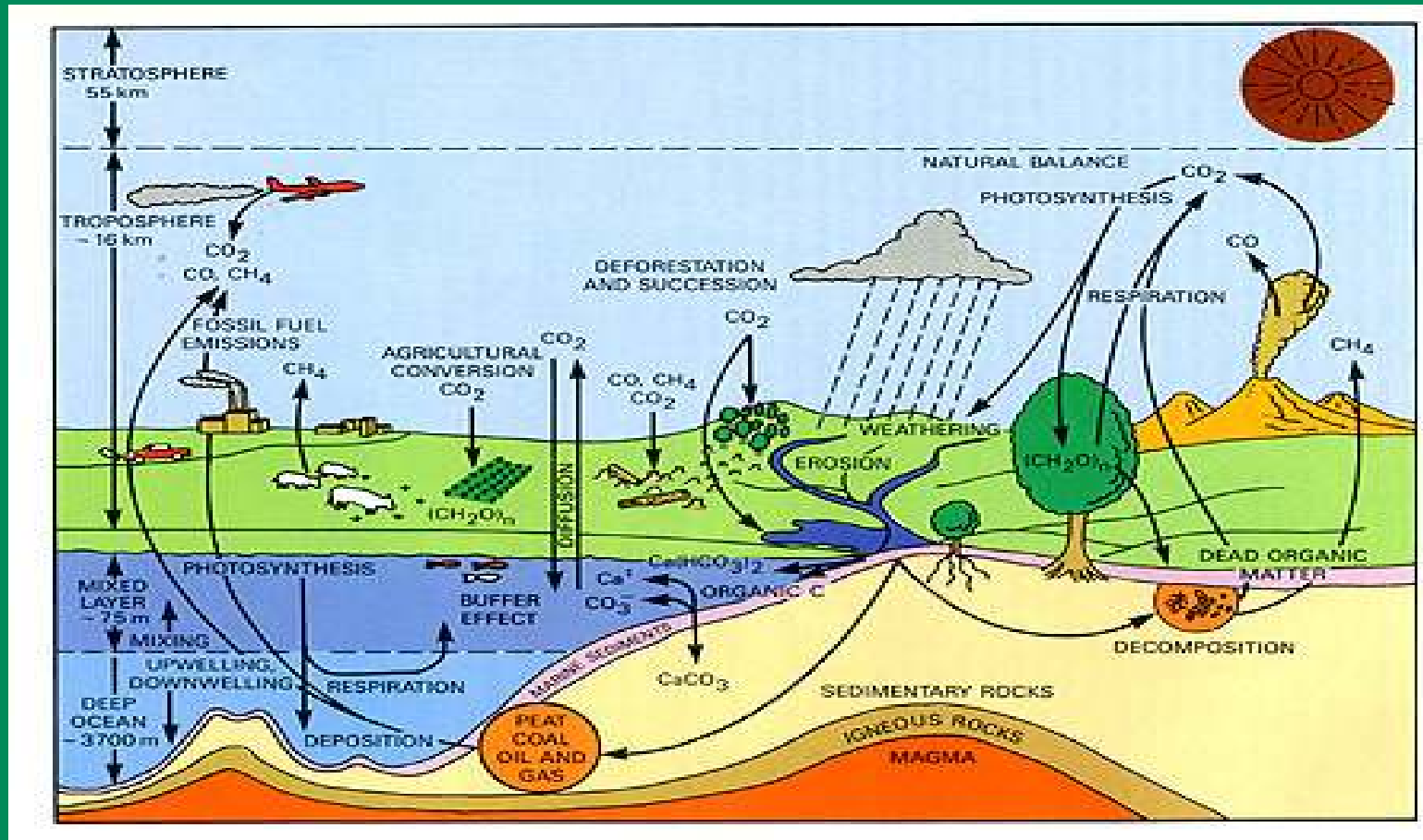
**National Rural Electric
Cooperative Association**

A Touchstone Energy® Cooperative 

The Five Questions

- Can technology solve the carbon question?
- Do we need a smarter grid?
- How energy efficient can we become?
- Is the electrification of transportation the right goal?
- Do electric cooperatives have a technology advantage?

Can Technology Solve the Carbon Question?



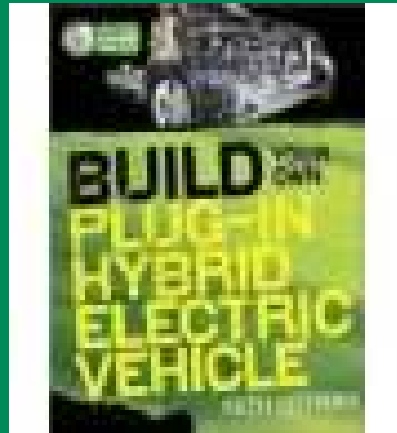
Do We Need a “Smarter” Grid?



How Energy Efficient Can We Become?



Is the Electrification of Transportation the Right Goal?



Do Electric Cooperatives Have a Technology Advantage?

- Member-focused
- Innovative
- Cost-conscious
- Collaborative

The Cooperative Values

- Self-help
- Self-responsibility
- Democracy
- Solidarity
- Equity
- Equality