

Expert Guide to Effective Regulation

WEEK ONE: FUNDAMENTALS				
		<p><u>Day 1</u> 9:00 – 12:15</p> <p>Intro and Why do we Regulate?</p> <ul style="list-style-type: none"> • Purposes and priorities of regulation • Roles of regulatory institutions • What makes regulation effective • Structures and strategies for regulatory institutions • Priorities for regulatory decision making 	<p><u>Day 2</u> 9:00 – 12:15</p> <p>Legal Basis for Regulation</p> <ul style="list-style-type: none"> • Fundamental legal concepts for regulation • Essential features of regulatory laws and rules • Economic principles in laws • Legal characteristics of effective regulation • Managing regulatory authority 	<p><u>Day 3</u> 9:00 – 12:15</p> <p>Regulatory Process and Finance Basics</p> <ul style="list-style-type: none"> • Role of regulatory process • Price review process • Purpose of financial tools • Fundamentals of financial tools in regulation • Fundamentals of financial analysis
WEEK TWO: FUNDAMENTALS cont.				
<p><u>Day 4</u> 9:00 – 12:15</p> <p>Using Rate of Return Tools</p> <ul style="list-style-type: none"> • Principles of revenue adequacy • Information resources for determining price levels • Determining regulatory assets • Above and below line treatment of costs and revenue • Matching asset values and capital costs 	<p><u>Day 5</u> 9:00 – 12:15</p> <p>Incentive Regulation</p> <ul style="list-style-type: none"> • Regulation and information asymmetry • Purpose of incentive regulation • Fundamentals of price caps and revenue caps • Use of hybrid systems and sharing mechanisms • Evaluating incentive regulation systems 	<p><u>Day 6</u> 9:00 – 12:15</p> <p>Elements of Pricing</p> <ul style="list-style-type: none"> • Objectives of rate design • Options for designing prices • Balancing control and adaptability • Aligning design with objectives • Efficiency and rate design 	<p><u>Day 7</u> 9:00 – 12:15</p> <p>Use of Benchmarking</p> <ul style="list-style-type: none"> • Purposes of benchmarking in regulation • Data gathering and assessing data quality • Fundamentals of benchmarking systems • Evaluating strong and weak performers • Communicating benchmarking results 	<p><u>Day 8</u> 9:00 – 12:15</p> <p>Action Plans and Wrap Up</p> <ul style="list-style-type: none"> • Putting your knowledge into practice • Presenting your challenge and action plan • Giving and receiving critical feedback • Thinking strategically about your issue • Developing an accountability plan

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WEEK THREE: SPECIALIZED TOPICS – ENERGY TRACK				
<p><i>Energy Day 1</i> 9:00 – 12:15</p> <p>Intro/What We Want from Energy</p> <ul style="list-style-type: none"> • What we expect from energy • Structure of energy industry • Market design and incentives • Consequences of different market structures • Using structure to promote efficiency 	<p><i>Energy Day 2</i> 9:00 – 12:15</p> <p>Incorporating IPPs and Integrating Renewable Energy</p> <ul style="list-style-type: none"> • Impacts of changes in market design • Incorporating IPPs • Principles of procurement and contracting • Incorporating renewable energy • Incentives and compensation mechanisms 	<p><i>Energy Day 3</i> 9:00 – 12:15</p> <p>Assessing Competition</p> <ul style="list-style-type: none"> • Fundamentals of energy markets • Tools for assessing competition • Wholesale and retail market function • Incentives in energy markets • Energy market simulation 	<p><i>Energy Day 4</i> 9:00 – 12:15</p> <p>Elements of Pricing</p> <ul style="list-style-type: none"> • Prerequisites for price design • Fundamentals of price design • Incorporating incentives for utilities and customers • Tradeoffs and transparency in rate structure • Price design exercise 	<p><i>Energy Day 5</i> 9:00 – 12:15</p> <p>Assessing Sustainability and Key Lessons</p> <ul style="list-style-type: none"> • Techniques for promoting system resilience • Assessing sustainability of pricing systems • Tools for assessing sustainability • Sustainability exercise • Key lessons from the week
WEEK THREE: SPECIALIZED TOPICS – ICT TRACK				
<p><i>ICT Day 1</i> 9:00 – 12:15</p> <p>Competition in ICT</p> <ul style="list-style-type: none"> • Factors affecting competition • Assessing competition • Responses to weak competition • Monitoring competition • Lowering barriers to competition 	<p><i>ICT Day 2</i> 9:00 – 12:15</p> <p>Universal Service and Access</p> <ul style="list-style-type: none"> • Defining goals • Assessing market gaps and development gaps • Designing a policy • Determining subsidies • Allocating subsidies • Monitoring and enforcement 	<p><i>ICT Day 3</i> 9:00 – 12:15</p> <p>Net Neutrality and OTT</p> <ul style="list-style-type: none"> • Meanings of net neutrality • Net neutrality policy options and effects • Motivations for over the top (OTT) services • Developing policies for OTT 	<p><i>ICT Day 4</i> 9:00 – 12:15</p> <p>Radio Spectrum Management</p> <ul style="list-style-type: none"> • Purposes of radio spectrum management • Spectrum allocation • Methods of spectrum assignment • New licensing methods 	<p><i>ICT Day 5</i> 9:00 – 12:15</p> <p>Infrastructure Sharing</p> <ul style="list-style-type: none"> • Types of sharing • Motivations for sharing • Mandatory and voluntary sharing • Management of sharing system • Pricing infrastructure sharing • Implications of alternative sharing policies