



## REG-100 - Telecom Regulation for Today's World (in French)

### Description

A 10-day training course which will provide participants with an all-around understanding of telecom regulation as it applies in today's world. The course includes discussion and analysis of the key issues and tools available to ensure a fair and equitable telecom environment.

### Objectives

- Obtain a sound understanding of the global and competitive telecommunications environment and its impact on the activities of a regulator
- Understand the key principles of regulation including competition policy and licensing and the role and responsibilities of the regulator in these areas
- Understand the role and responsibilities of the regulator with respect to interconnection and tariffs
- Analyze the regulatory issues represented by scarce resources including numbering and spectrum management
- Assess the regulatory challenges and issues of VoIP, Local Loop Unbundling and Next Generation Networks
- Understand important dispute resolution mechanisms and the role of the regulator in settling disputes
- Gain an understanding of the tools available to deal with the regulatory challenges of today's world

### Topics

\*Note: the course structure may be subject to change as trainings are updated on a regular basis.

### Overall picture of the global and competitive telecommunications environment

- Evolution of telecom industry structure
- Global telecom trends
- WTO regulatory standards
- Implications for regulators

### Regulation

- The need to regulate
- Principles for effective regulation
- Current issues

#### The regulator

- Role
- Responsibilities
- Organization
- Best practices

#### Competition policy and safeguards

- General principles
- Fundamental concepts
- Significant Market Power (SMP)
- Methods of control

#### Licenses

- Types of licensing regimes
- Types of licenses
- Licensing procedures
- Licensing practices
- Fees

#### Interconnection

- Definition and importance
- Role and responsibilities of the regulator
- Reference Interconnection Offer (RIO)
- Interconnection agreement
- Interconnection pricing
- Interconnection Quality of Service (QoS)
- Interconnection best practices

#### Cost and cost modelling

- Why is costing important
- Is costing complicated
- Cost causation
- Cost categories
- What information is needed
- Practical implementation of LRIC
- A reasonable model

## Price regulation

- Why regulate pricing
- Rate of Return regulation
- Price cap regulation
- Rate rebalancing
- International price comparisons
- International long distance prices

## Managing scarce resources

- Spectrum management
- Number planning
- Right of way

## Local Loop Unbundling (LLU)

- Implementation of LLU
- Challenges & issues

## Universal service and universal access

- Role of the regulator
- Universal Service Obligations (USO)
- Net cost
- Benefits
- Funding

## Voice over Internet Protocol (VoIP)

- VoIP fundamentals
- Regulation of VoIP services

## NGN policy and regulation

- Overview
- Change drivers
- Convergence
- NGN regulation
- NGN consultation process
- Universal service
- NGN pricing and access

## Protecting consumers

## Dispute resolution

- Role of the regulator
- Dispute resolution mechanisms

#### Target Audience

- Telecommunications managers and personnel involved in telecom regulation and policy-making
- Managers looking to complement their skill-set by gaining a good understanding of telecommunications regulation

### **Methodology**

Our training courses combine expert presentations, workshops, case studies and discussions on real-life situations faced by participants. Complete training material is provided to all participants for future reference and follow-up action plans.

### **Location**

Our public training courses are held at regular intervals in selected cities around the world. Upon request, our expert trainers can lead private training courses at the location of your choice or using a virtual classroom (distance training using a web-conferencing platform). For more information, or if interested in a private session, please contact us at [training@neotelis.com](mailto:training@neotelis.com).

### **About Neotelis**

Neotelis provides training, consulting, conferences and publications to the telecommunications industry worldwide. Its team of experts has trained thousands of executives and managers working for operators, regulators, policy-makers and governments in over 100 countries around the world.

4802 de Verdun St, Office #1, Montreal, QC, H4G 1N1 Canada  
Tel: +1 514 281 1211 Fax: +1 514 281 2005  
[info@neotelis.com](mailto:info@neotelis.com)