

ADVANCED
INTERNATIONAL
TRAINING
PROGRAMME (ITP)



ITP: 316
**ICT Regulation -
Policy and Practice**

2017-2019



Dear Reader

This International Training Programme is specially designed for persons qualified to participate in reform processes of importance on different levels and holds a position in home organisation with mandate to run processes of change. It offers support to strengthen, adapt and maintain capacity over time in order for your organisation to define and achieve goals in both the short and long term. A participant will take part of the latest development in the subject area of work supervised by skilled Swedish colleagues and experts, develop a network of colleagues from other countries and enhance knowledge in new working methods. The methodology used is based on the assumption that participating organisations wish to carry out changes and are willing to invest own resources to achieve these changes.

ICT Regulation - Policy and Practice supports regulatory development activity in targeted countries by providing tools and discussion on how policy making and regulatory practice can meet an ever-changing ICT future. New, diverse and constantly evolving technologies make it important for policy makers and sector regulators to find new ways to achieve good policy making and regulatory practices to safeguard good service and the interest of consumers and authorities.

The programme builds capacity in two ways:

- it provides training and coaching for participants in management positions at ICT regulatory authorities and policy makers at ministries to implement a change initiative in line with the organisation's strategical direction.
- it trains representatives from regional regulatory organisation to coach participants when implementing their change initiatives, and channels the change initiative work into regional working groups to harmonise efforts regionally, strengthen regional coordination and sustain results.

Sida, Spider and PTS welcomes you to nominate candidates



Lena Ingelstam
Director of Partnerships
and Innovation
Sida



Kerstin Borglin
Director
Spider



Ola Bergström
Director for International
Affairs
PTS

Programme objectives

The long-term objective of this programme is to contribute to universal and affordable ICT services by strengthening the capacity of regulators to:

- Perform strategic regulatory development activities that are sustainable
- Strengthen the mandate of regulatory organisations to benefit society and consumers
- Increase general capacity for regulators and their organisations

BENEFITS

- › **Increased knowledge of how the regulatory sector can facilitate public benefit of ICT services**
- › **Project management skills developed and trained by implementing a change initiative with coaching support**
- › **A network for the exchange of knowledge and expertise between ICT regulators**

CHANGE INITIATIVES

- › **Change initiatives are the corner-stone of the programme. Each participant works on a change initiative. A change initiative is a project which the participating organisations perceive to be in line with their and the country's strategic direction for regulatory policy making and practice. The change initiatives need to be well established in the organisations.**
- › **The change initiatives need to have the full support of the immediate superiors of the participants in the programme. Spider will sign a MoU with each organisation in order to spell out the importance of the change initiatives and the provision of time for participants in the programme to implement the change initiatives.**

Programme structure

PHASES

The programme has six phases:

Phase 1 – Preparatory period (4.5 months)

Programme participants are selected by their organisations. Members of the Programme Team will make initial visits to invited countries to meet with senior management of regulators, policy makers and other key stakeholders. The organisations identify relevant change initiatives and participants for the programme round. An MoU is signed between Spider and each participating organisation.

Phase 2 – Sweden - planning and training (2 weeks)

The training will provide the subject knowledge required for the participants to succeed with their change initiative formulation. The bulk of the expertise will come from PTS. The participants will also be trained in project management and gender equality, and will make relevant study visits.

Phase 3 – Change initiative initiation (3 months)

After the training phase in Sweden, participants start working on their change initiatives in their home countries with coaching support from the regional regulatory organisations and progress follow-ups from the Programme Team.

Phase 4 – Regional follow-up (1 week)

Meetings in the region to discuss the progress of the change initiatives and provide further training.

Phase 5 – Change initiative initiation, continued (5.5 months)

Implementation of the change initiatives with coaching support provided by regional regulatory organisations.

Phase 6 – Conclusion and evaluation (1 month)

Evaluation of the round with assessment of potential further developments of change initiatives within the programme.

PARTICIPANTS

A limit of 25 participants per round for a close working relationship between participants, lecturers and coaches

METHODOLOGY

The programme utilizes various pedagogical methods to stimulate and optimize learning, this includes lectures, group discussions, study visits and coaching sessions. The participatory design of the programme requires active participation. Participants will also need time provided to work on the change initiative in phase 3 and 5.

MANAGEMENT AND STAFF

The training programme is coordinated by Spider with PTS as a collaborating partner in planning and providing expertise. Together Spider and PTS staff makes up the Programme Team. The Programme Advisory Board provide strategic support, with members from e.g. Ericsson and the Ministry of Enterprise and Innovation in Sweden.

ACCOMMODATIONS

In Sweden, all participants will be given hotel accommodations in single rooms. During Phase 4, accommodations will be provided at a three- or four-star hotel. Due to the nature of the programme, family members are not permitted to accompany participants to Sweden or to the regional follow-up.

Programme content

Programme topics will be tailored to meet the needs of participating organisations. These topics include:

INSTITUTIONAL AND LEGAL FRAMEWORK

- The Swedish setup of an independent regulator of telecom and its role and relations to the ministry and other governmental authorities. Pros and cons of the Swedish model for institutional setup
- Models for financing, development and implementation of a national broadband strategy
- The enabling of investments in broadband and how to work with rural challenges. Examples from the cooperation between PTS and the Swedish Broadband Forum – A Swedish collaboration model
- Regional collaboration – examples of collaborations within Europe (BEREC) and the Nordic regulator group
- Internal models of governance and organisational issues – towards a transparent organisation
- Demand creation in a broadband context. How to promote demand as opposed to supply - Sweden's Digital Agenda
- Monitoring, compliance and enforcement

COMPETITION REGULATION

- Regulators role is to ensure possibilities for users to be able to make choices. Competition is one important tool for the realization of this
- A well-functioning market will ensure that investments are made when and where needed. A competitive situation will provide the relevant products and services to users and at competitive prices
- Theoretical foundations of competition regulation in the telecom sector
- Methods of market analysis and analysis of market dominance
- Possible regulatory obligations such as access regulation, price regulation and non-discrimination regulation
- Principles and cost model for infrastructure sharing
- Regulatory Impact Assessment – discussion on problems and issues
- Regulatory aspects of roaming and interconnection – a harmonizing European model

CONSUMER PROTECTION AND TRANSPARENCY

- How to work to ensure that everyone has access to good telephony and broadband, the importance of having compliance rules and regulation in place that protect consumers and also how to ensure the enforcement of these rules and regulations
- How to work with information, support and influence, for example in regard to broadband financing in rural areas and services for people with disabilities
- Lessons learned from the Swedish model of collaboration between PTS, the Swedish Consumer Agency and private interest groups such as the Swedish Telecom Advisors, funded by telephone, TV and Internet operators. For example, related to quality of service
- Discussion on regulatory aspects of mobile payments

SPECTRUM MANAGEMENT

- How to ensure that limited resources, such as frequencies, are assigned and managed efficiently
- Development of spectrum strategy
- How to enable digital migration
- Licensing of new spectrum and renewal of licenses, Network sharing and spectrum sharing. Discussions on TV White Spaces and public Wi-Fi networks
- Auctions and alternative methods for efficient allocation of spectrum
- Coverage obligations as a tool to increase coverage in rural areas

NETWORK SECURITY AND LIABILITY

- How to work with information, support and influence in order to promote measures to increase robust networks.
- Network neutrality
- Cyber Security - The importance of individual's integrity; Protection of data; Robustness; Reliability

FUTURE REGULATORY ISSUES

- Discussions on regulation of online and OTT services
- Discussions on changes in the telecom ecosystem with implications on business models and potential new structures

Requirements

TARGET GROUP

The main target groups are heads of departments and managers or similar positions at ICT regulatory authorities or ministries responsible for ICT regulation in Sub-Saharan Africa.

PREREQUISITES

- The organisation is invited to participate in the programme and senior management is available to meet with the Programme Team for discussions in the preparatory period (phase 1)
- Time provided by management for the participant to work on their change initiative
- MoU between Spider and the organisation signed

LANGUAGE REQUIREMENTS

The training programme, including all lectures, will be conducted in English. Programme participants need to master English in writing and speaking.

OTHER REQUIREMENTS

If selected, a participant will be required to attend all phases of the programme. The nominating organisation must sign a memorandum of understanding before the start of the programme.

COSTS COVERED BY SPIDER:

- Flights (return ticket economy class) to Stockholm for the Sweden training phase, and travel to the regional follow up phase
- Airport transfer in Sweden and regional follow up location
- Hotel and meals in Stockholm for the Sweden training, and in the location of the regional follow up phase
- Participation in the training, study tours and planned social activities, training material and local transport costs in Sweden and the regional follow up
- Group insurance for the Sweden training phase and the regional follow up phase
- Coach support once every three weeks for each change initiative throughout the programme

THE FOLLOWING COSTS ARE COVERED BY PARTICIPANTS OR SENDING ORGANISATION:

- Visa costs for Sweden and possibly for other African country for regional follow up
- Travel to international airport in home country
- Salary and continued employment for the participant during the length of the programme round
- Any additional costs related to the implementation of the change initiative of the organisation
- Access to computer and internet connectivity related to the implementation of the change initiative of the organisation

IMPORTANT INFORMATION

TIMETABLE

Where:

The training in phase 2 takes place in Stockholm, Sweden. Location of the regional follow-up is determined for each programme round.

When:

A new programme round starts twice a year.
First round: Training session (Sweden): April/May;
 Regional follow-up: September.
Second round: Training session (Sweden): October/November;
 Regional follow-up: March.

VISA

Participants are responsible for obtaining all visas and paying visa fees for their visit to Sweden and to the country selected for the regional phase. The visa should be valid for the entire period of the programme in Sweden, and the passport should be valid for at least six months after the date of entry.

INSURANCE

All participants will be covered by a group insurance policy while in Sweden and on organised tours during the programme, including the regional seminar. This insurance includes medical care in the event of an accident or acute illness. Medical and dental check-ups are not included.

CONFIRMING PARTICIPATION

Candidates will be notified of their acceptance by e-mail. Once selected, candidates and their supervisor/head must confirm their participation in the programme. An invitation letter for visa purposes will be sent after the confirmation letter and a copy of the passport has been received.

Questions?
 > [Email regulator@spidercenter.org](mailto:regulator@spidercenter.org)

As part of Sida's work with capacity and institutional development Sida offers international training programmes (ITP) for participants from low- and middle-income countries in priority areas. The programmes cover areas of strategic importance to the social, environmental and economic development of co-operating countries and are based on identified priorities and needs. In the long-term perspective, the programmes shall contribute to institutional strengthening and capacity development in the co-operating countries.

ORGANISER AND PARTNER



Spider, Department of Computer and Systems Science (DSV), Stockholm University
Box 7003
164 07 Kista, Sweden

Programme Secretariat:
E-mail: regulator@spidercenter.org
www.spidercenter.org/regulator

Spider builds capacity and networks to decrease the global differences in the use of ICT and promotes the use of ICT as a means to achieve the Sustainable Development Goals. Spider runs projects with an integrated results follow up component that verifies results and feeds knowledge back into the project to improve it while active.

Spider has projects in Sub-Saharan Africa, South East Asia and South America in three thematic areas:

- Health,
- Education and
- Transparency & Accountability

Spider is hosted at the Department of Computer and Systems Science at Stockholm university.



PTS - The Swedish Post and Telecom Authority is a public authority that monitors the electronic communications and postal sectors in Sweden. The Authority works with consumer and competition issues, efficient utilisation of resources and secure communications.

PTS work with four primary areas:

- consumer interests,
- sustainable competition,
- efficient utilisation of resources and
- secure communications

PTS is an independent agency. This means that the Government is not allowed in any case to govern how PTS should apply an act or decide in a particular matter relating to the exercise of official power.

www.pts.se/en-GB/