IAEA Academy – modular training programme for transport regulators

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Training and Education Programme for transport competent authorities

Several Member States have a formal training programme for their transport regulators to enable them to have regulatory oversight of their industry sectors.

In the other Member States the training ranges from very little to informal. In some Member States there is either no formal transport regulator or one exists within a framework that requires modification when the role, duties and responsibilities are explained.

There is a need for a global standard training programme for transport regulators which will provide a standard set of technical competences, an operational model and behavioural and cultural models for regulatory oversight which many Member States would otherwise either not obtain or obtain over a very long timeframe.
The 12 elements of the scope of a Competent Authority compliance assurance programme will be used to describe the activities with respect to transport.

Both safety and security aspects can be considered in each element.
Operational effectiveness of a Competent Authority

- Legislative and administrative infrastructure, and resourcing
- Technical competence
- Regulator oversight and intervention
- Effective networking between Member States
- Understanding transport regulatory requirements

Effective Transport Competent Authority Culture
An effective competent authority

Which is developed to meet the needs of the Member State and be developed to meet its future ambitions
Technical competence and capacity building has been addressed by the Agency at a national level and in recent times on a regional basis. Given the Agency funding models which provide programmes of up to 4 years:

- The commitment of the Member States involved is vital if the programmes are to produce improvements beyond the programme timescales.
- The scope, detail and need to develop a regulator culture will take much longer than 4 years.
- There is a need to provide a systematic programme of training and mentoring for competent authorities that is continually maintained and available to all Member States at all times.
- The programme of training needs to be consistent and globally available to provide a basis of universal competences, to the scope and levels required by the individual Member State.
Modular structure

• The training modules will be written in the 12 activities shown in the Competent Authority compliance assurance programme (TS-G-1.5)
• The training material will be based where possible upon existing training programmes operated by some Member States
• Member States can select the modules according to their needs
• The programme will consist of distance learning (on-line) with question sets to test understanding
• Some modules will involve residential courses
• Some modules will involve travel to nominated Competent Authorities for mentoring / shadow working
• Modules in the official IAEA languages is an ambition but this will take time and would be made available at a significant cost
The training programme will:

• Provide an opportunity to explain the behavioural and safety and security culture aspects of being a transport regulator

• Inform the Member State to help them build an appropriate regulator culture

• Address the important issue that in some parts of the world Member States have little or no opportunity to learn appropriate behavioural, structured thinking and regulatory oversight models in the context of a complete spectrum of activities that constitute ‘transport’

• Provide opportunities to learn the operational and technical skills with others that will help to unify approaches

• Enable the programme to be developed in the future to provide refresher training on specific topics
The training programme – venues

• It is proposed that the existing network of Regional Training Centres are used to deliver the residential training elements
• The ambition is to provide training in the official languages
• A calendar for training events would be published each year to allow Member States to programme their training needs
Outline development and implementation plan

Phase 1 – Develop strategic approach (Q3 - Q4/2014)
1.1 Agree concept with the Agency Education Programme and RTCs
1.2 Develop cost model
1.3 Develop catalogue of modules
1.4 Develop competency framework – core, and sector specific (healthcare programmes, industrial, agriculture)

Phase 2 – Create module material (Q1 – Q3/2015)
2.1 Adapt existing material supplied by Member States
2.2 Write new material
2.3 Create group of trainers
2.4 Establish Year 1 training programme

Phase 3 – Implementation
3.1 Train the trainers (Q3 - Q4/2015)
3.2 Launch programme (Q4/2015)
3.3 Begin training programme (Q1/2016)