

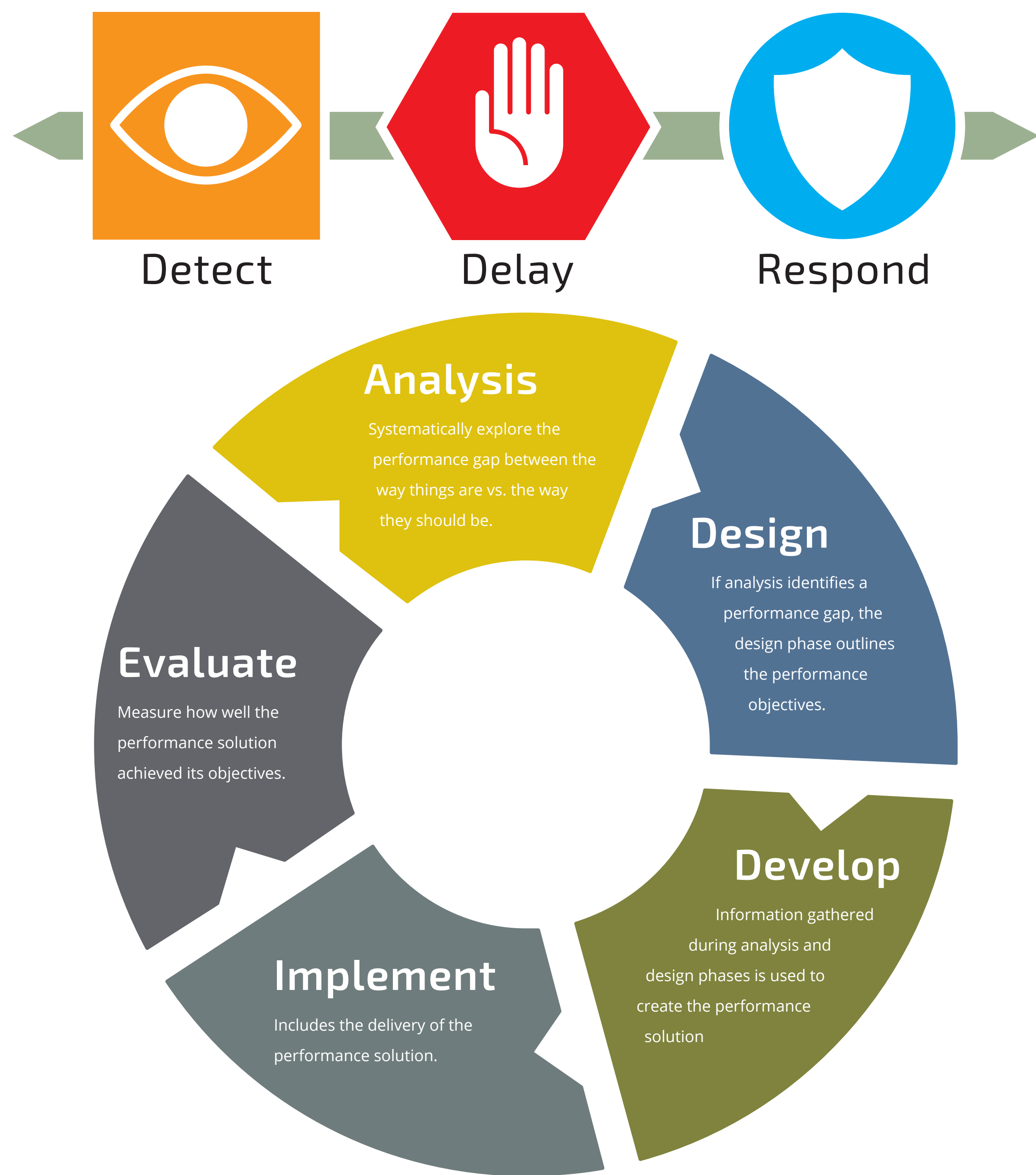
Indigenized Sustainability for the Protection of Radioactive Sources

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The Mission of the Office of Radiological Security (ORS)

ORS enhances global security by reducing and protecting vulnerable nuclear and radiological materials at civilian sites around the world. In executing its mission, ORS provides a “first line of defense” that prevents terrorists from acquiring materials that could be used in a radiological dispersal device or radiological exposure device. Protecting radiological materials through the application of fundamental security principles is a key aspect of ORS efforts.

A systematic training approach is the key to evaluating security fundamentals



Knowledge transfer of fundamental concepts and approaches is the key to sustainable protection

Achieving sustainable protection requires consistent implementation of security measures within each partner country. ORS partners with each country to offer a core training curriculum as a mechanism to ensure robust application and implementation of security principles. Courses are delivered in a particular sequence covering such topics as:

- **The Physical Protection and Security Management course** develops understanding about source protection and controls as well as applied physical protection measures throughout source life cycles; discusses international recommendations and physical protection principles; offers methods and guidance for designing physical protection systems for radioactive sources; and provides practical opportunities to apply these principles, methods and guidance.
- **Regulatory Development workshops** employ a building block approach that culminates in the development and legislative implementation of a national regulation for the security of radioactive sources.
- **Course Transition workshops** assist partner countries in developing customized training courses that can be delivered to relevant audiences within the country.
- **Radiological Source Security Inspector Training courses** provide an overview of radioactive source security inspections and enforcement, specifically for regulators, safety inspectors, and those involved in the inspection and enforcement of radioactive source security.
- **International Response Training courses** prepare site staff, security personnel, and local law enforcement to plan for an integrated response to a critical security incident involving a radiological source.
- **National Response Planning workshops** support ORS partner countries by formally developing a national radiological emergency response plan in accordance with International Atomic Energy Agency (IAEA) guidance and within the framework of the partner countries' own sovereign laws and regulations.
- **Site Security Plan Development workshops** assist facility operators and regulatory authorities from ORS partner countries in developing and implementing security plans that promote effective physical protection and security management of radioactive sources

Keys to success in achieving indigenized radiological source protection

- Develop strong security fundamentals
- Apply a systematic approach to training for curriculum development
- Understand the training needs for a country to become indigenized
- Modify a training program based on the resources of a country assuming the responsibility of training
- Continuously evaluate training and revise based on the needs of the program

IMPLEMENT

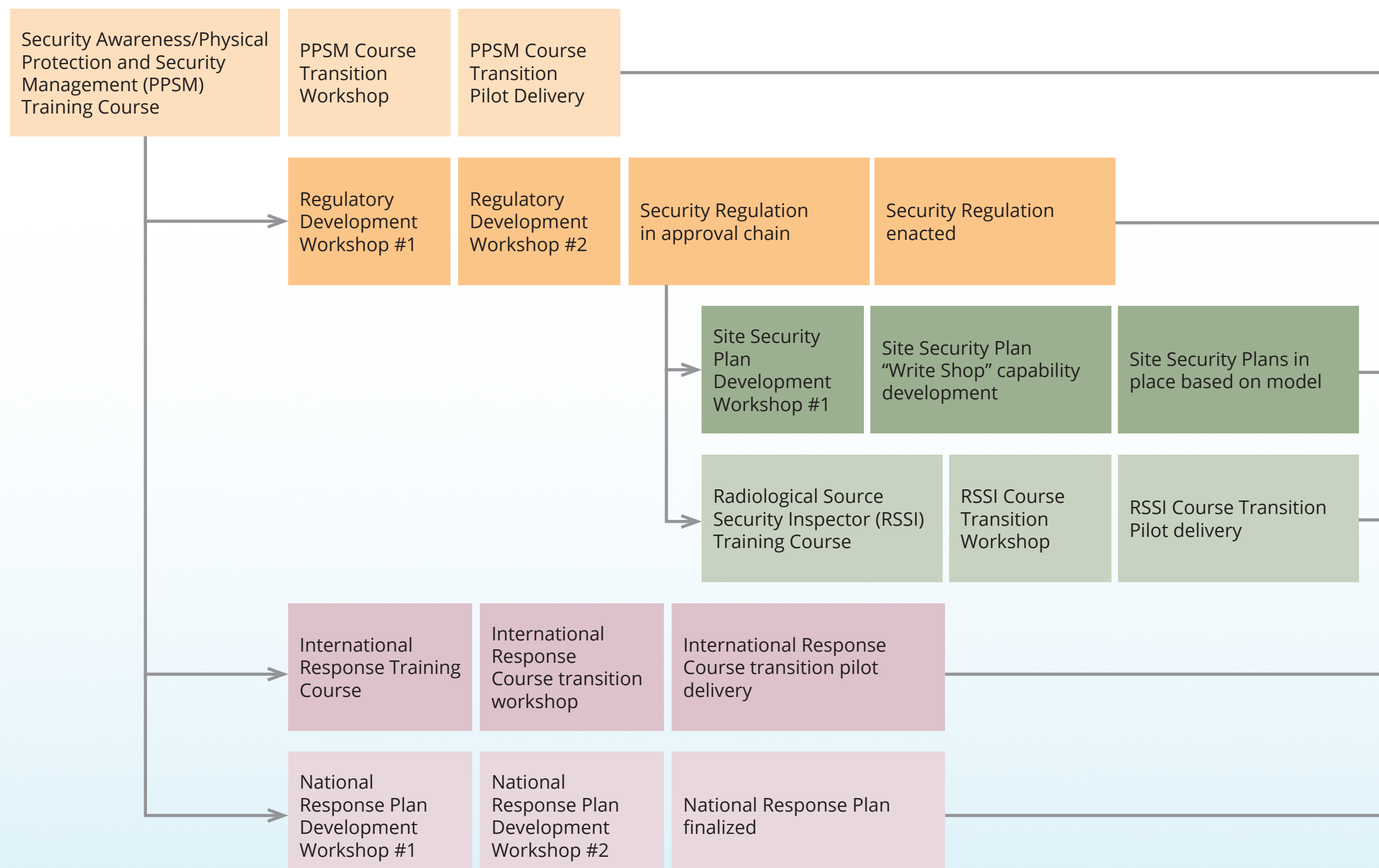
...training using presentations, case studies, and practical application

DEVELOP

...working-level knowledge of security fundamentals

DELIVER

...indigenous capacity to protect sources



Country prepared for transition