

OVERVIEW

APELL and TransAPELL PROCESS

**UNEP-ICCA Project “Promoting Chemical
Safety Management in the African Region”**

**Training Workshop on Emergency
Preparedness and Dangerous Goods
Handling**

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APELL

- APELL aims:
 - To increase the awareness of communities to local hazards
 - To help the community be better prepared for emergencies



APELL

VISION OF SUCCESS

Local community is aware of...

- existing hazards and risks
- vulnerabilities
- emergency planning and capabilities
- individual roles and responsibilities

Emergency services are...

- coordinated
- prepared to respond to emergencies
- prepared to protect responders
- able to provide emergency information



TransAPELL

TransAPELL applies APELL guidance to the shipping, distribution and transport of dangerous goods.

Planning for risks arising from the transport of dangerous goods is more complex.

- difficulty in projecting the location of the emergency
- difficulty in projecting the impact of the emergency
 - health
 - environment



TransAPELL in Practice

TransAPELL used by APELL Coordinating Groups

- add plans for dangerous goods transport to fixed facility plans
- create plans for local communities without fixed facilities

TransAPELL is designed to:

- Encourage cooperation to develop understanding of the dangerous goods being transported through communities.
- Provide emergency planning groups with a method to evaluate the hazards
- Provide guidance to develop and evaluate their emergency plans



TransAPELL

Why is it more complex?

- Transport routes normally long and complex.
- As an emergency can occur anywhere - planning must be very flexible.
- Routes go through populated areas, along rivers, etc.
- Hazard identification is more complex as the materials are variable
- The number of stakeholders is generally greater than for fixed installations
- Transport industries involve small & medium sized enterprises without offices or other representation in communities
- An accident may happen in a community that does not have any fixed chemical installations.
 - emergency services many not be equipped or trained
- The public is likely to not know hazards and how to act in an emergency



TransAPELL

The Process

Understanding the hazards

What routes are used?

- include highway, rail, water and pipelines

What products are being transported?

- what, how much and when

Commodity Flow Studies are the tool

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_16309

