

Combating Counterfeit and Irregular Mobile Devices: How to address the Problem

COLOMBIA: Addressing Stolen and Counterfeit Mobile Devices



COMISIÓN DE REGULACIÓN
DE COMUNICACIONES
REPÚBLICA DE COLOMBIA

MWF
Mobile & Wireless
Forum



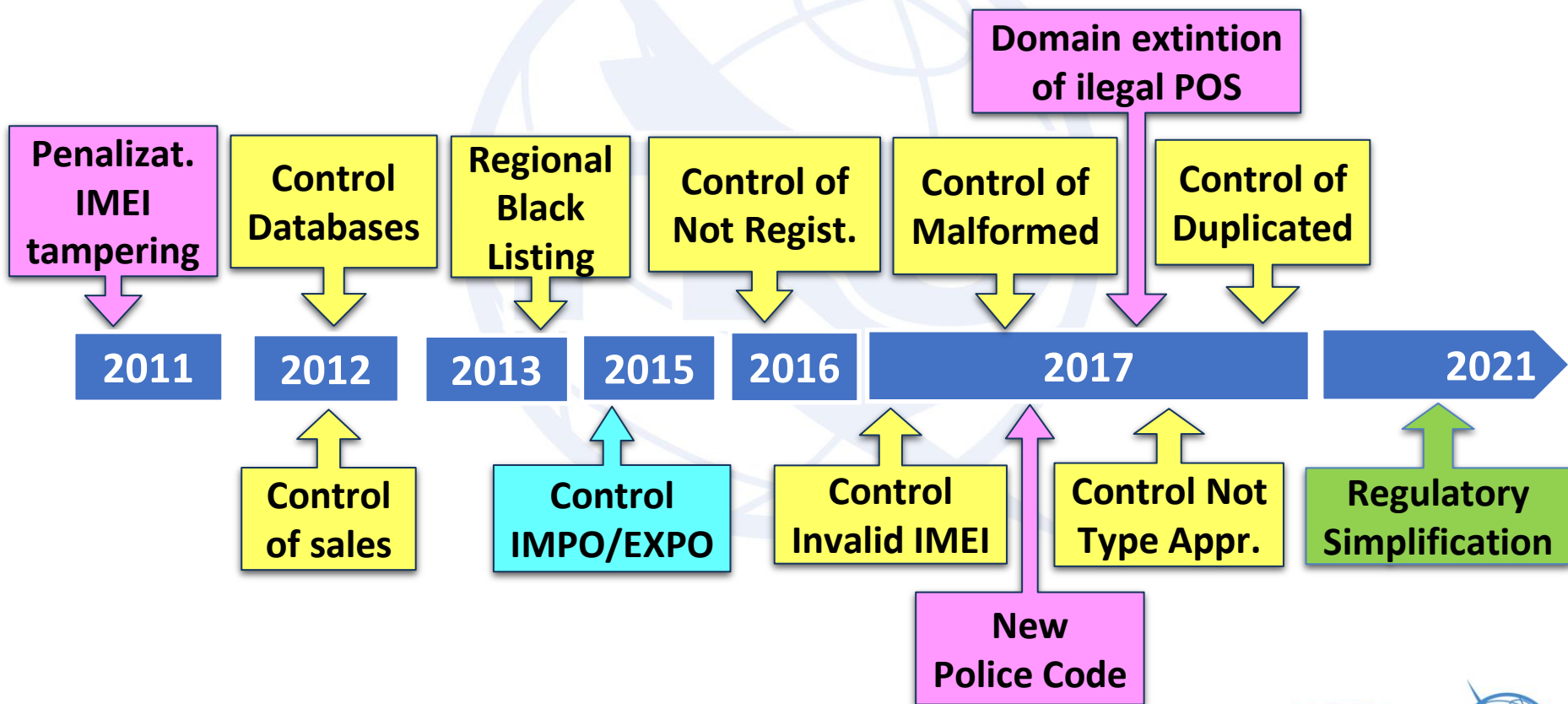
LEGAL & REGULATORY FRAMEWORK

COMPREHENSIVE SET OF MEASURES

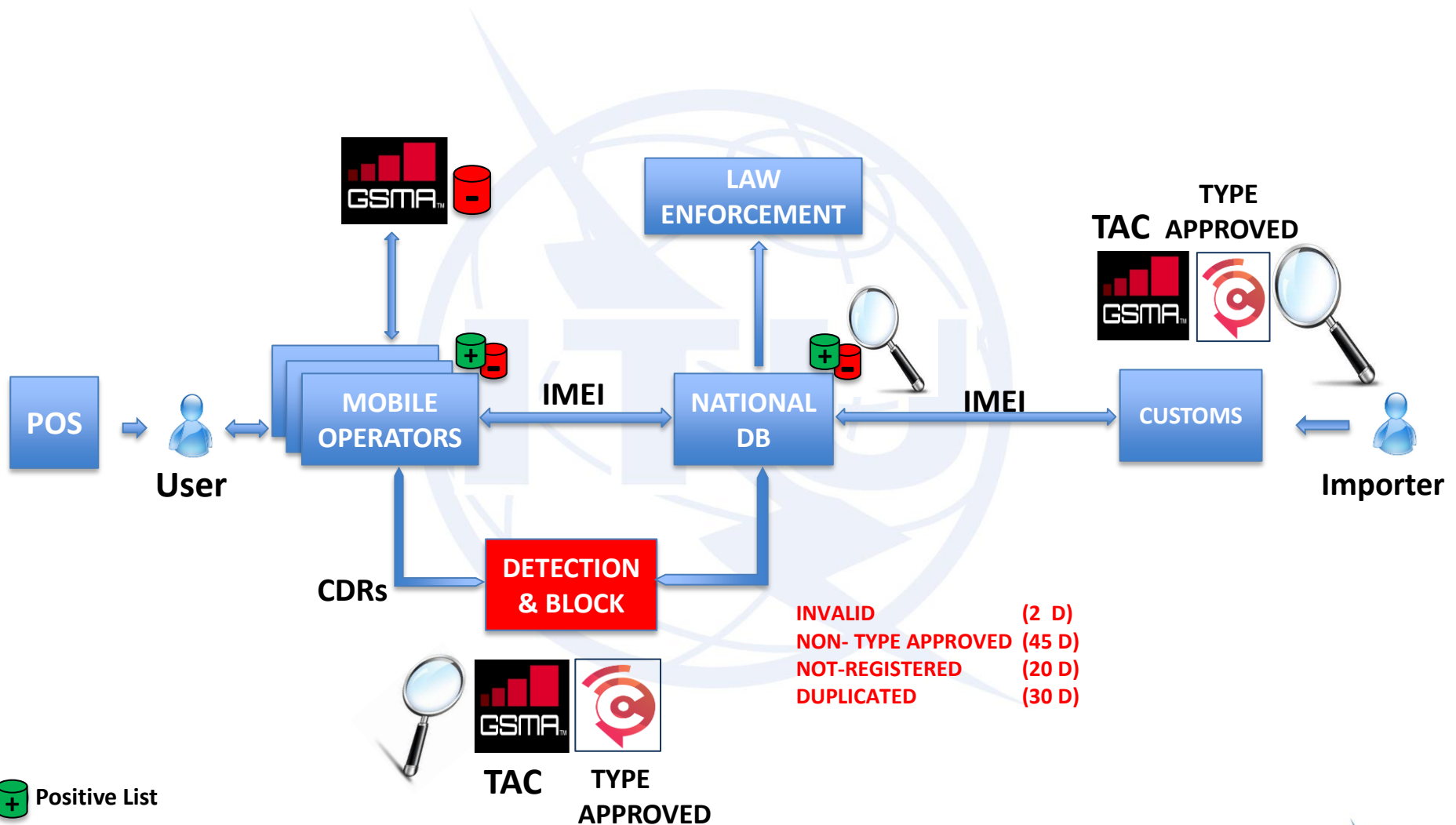
ICT SECTOR

JUSTICE & DEFENSE

COMMERCE & CUSTOMS



TECHNICAL FRAMEWORK

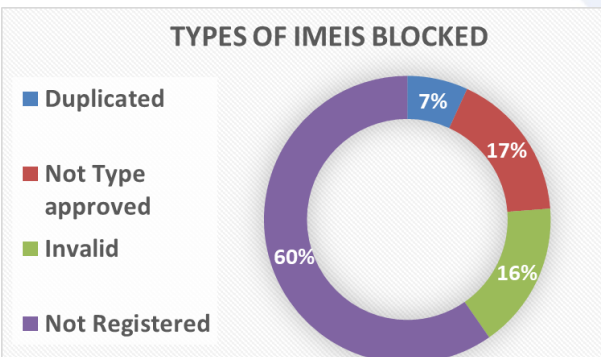
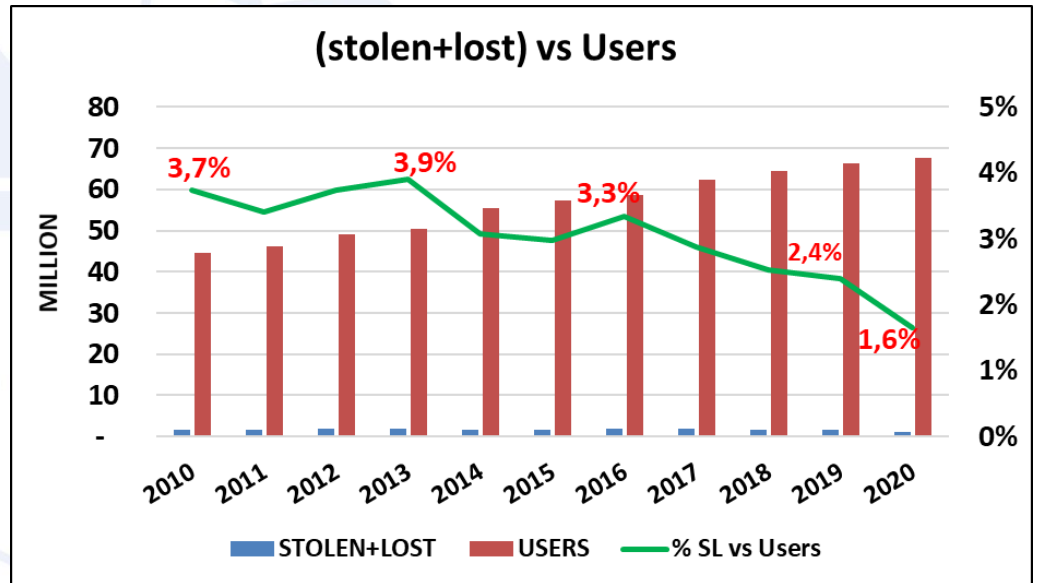
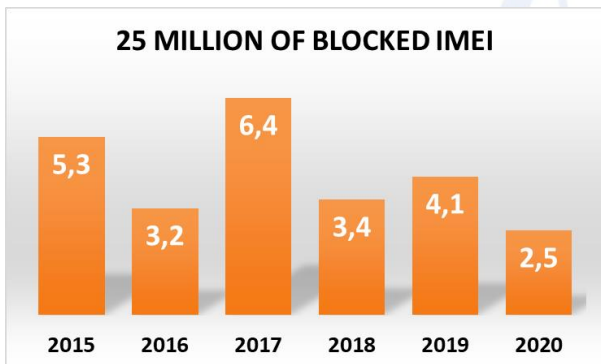


Positive List
 Negative List

IMEI BASED CONTROLS



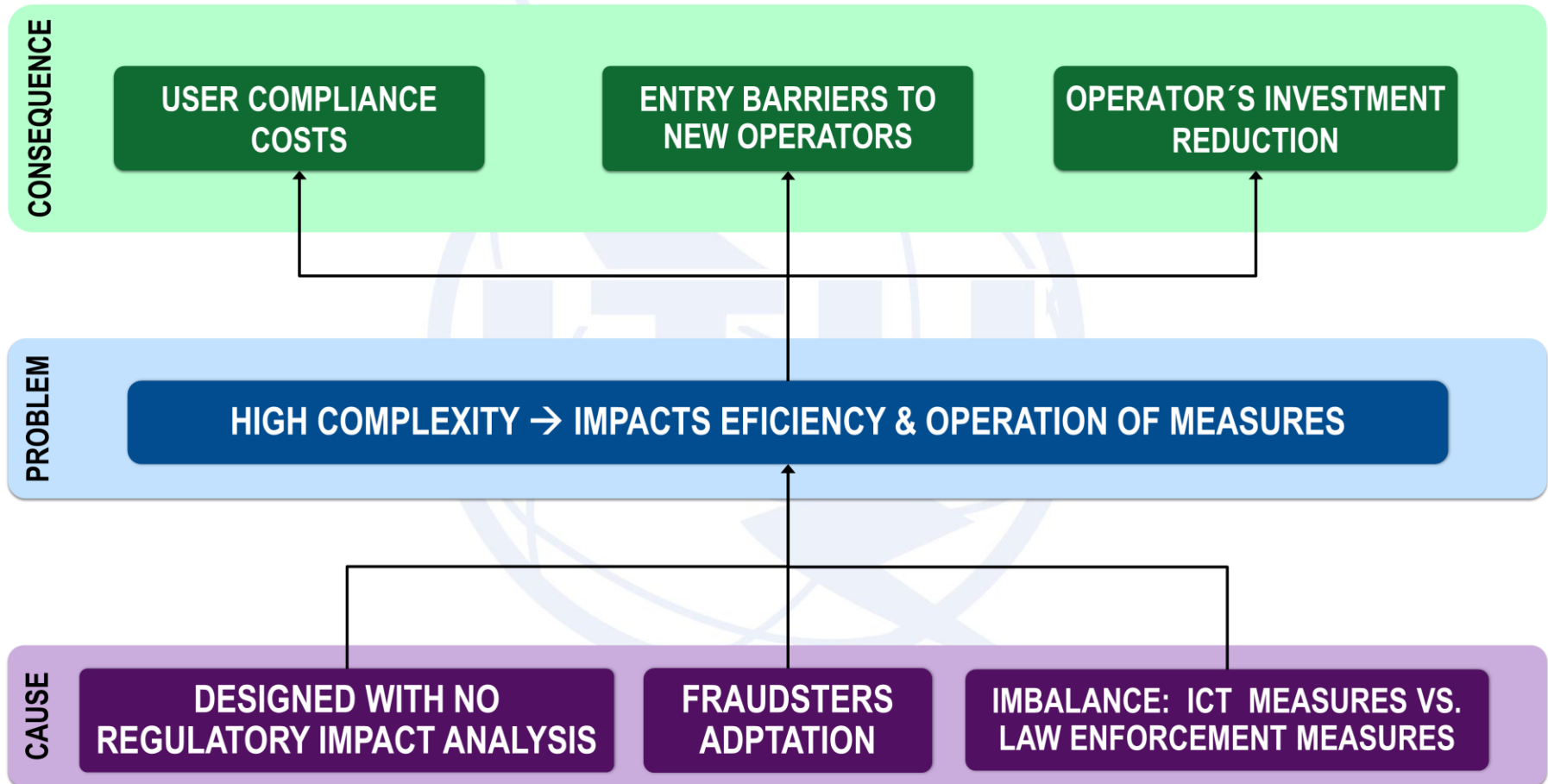
RESULTS



Population: 50M
Users: 68 M

ONGOING REGULATORY SIMPLIFICATION PROJECT

PROBLEM IDENTIFICATION



REGULATORY SIMPLIFICATION

PRELIMINAR FINDINGS

Positive list content

- It is susceptible of simplification, eliminating the registration process

Blocking typologies

- blocking for the concept of No Registration is susceptible to simplification

Duplicated IMEIs

- The relevance of reducing blocking times should be evaluated.

Importation procedure.

- Currently established procedures must be maintained

Recommendations

- **Industry: strengthen IMEI Security, Authentication of UE**
- **Reach global exchange and blocking of IMEI reported as stolen/lost**
- **Complement black lists with national detection/control of altered devices**
- **Thieves act and adapt fast. Continuous follow up of the measures application**
- **Key success factor: Reference Data Base with unique regular identifiers of legally imported and acquired devices**
- **Phased deployment: Diagnostic – Design – Implementation – Operation – Transition (amnesty) periods to existing devices – User processes**
- **CONTINUOUS OPTIMIZATION WITH MULTISTAKEHOLDER APPROACH FOR JOINT ANALYSIS OF ALTERNATIVE/SOLUTIONS**

Combating Counterfeit and Irregular Mobile Devices: How to address the Problem

THANKS

HUGO ROMERO

hugo.romero@crcom.gov.co

+57 310 2101716

MWF
Mobile & Wireless
Forum

