ITMO UNIVERSITY

THE MAIN DIRECTIONS OF REENGINEERING IN THE DEVELOPMENT OF INFORMATION CUSTOMS TECHNOLOGIES

Scientific advisor:
Olga Sharapova

Roman Lapa
5th year student

Manila, 2016

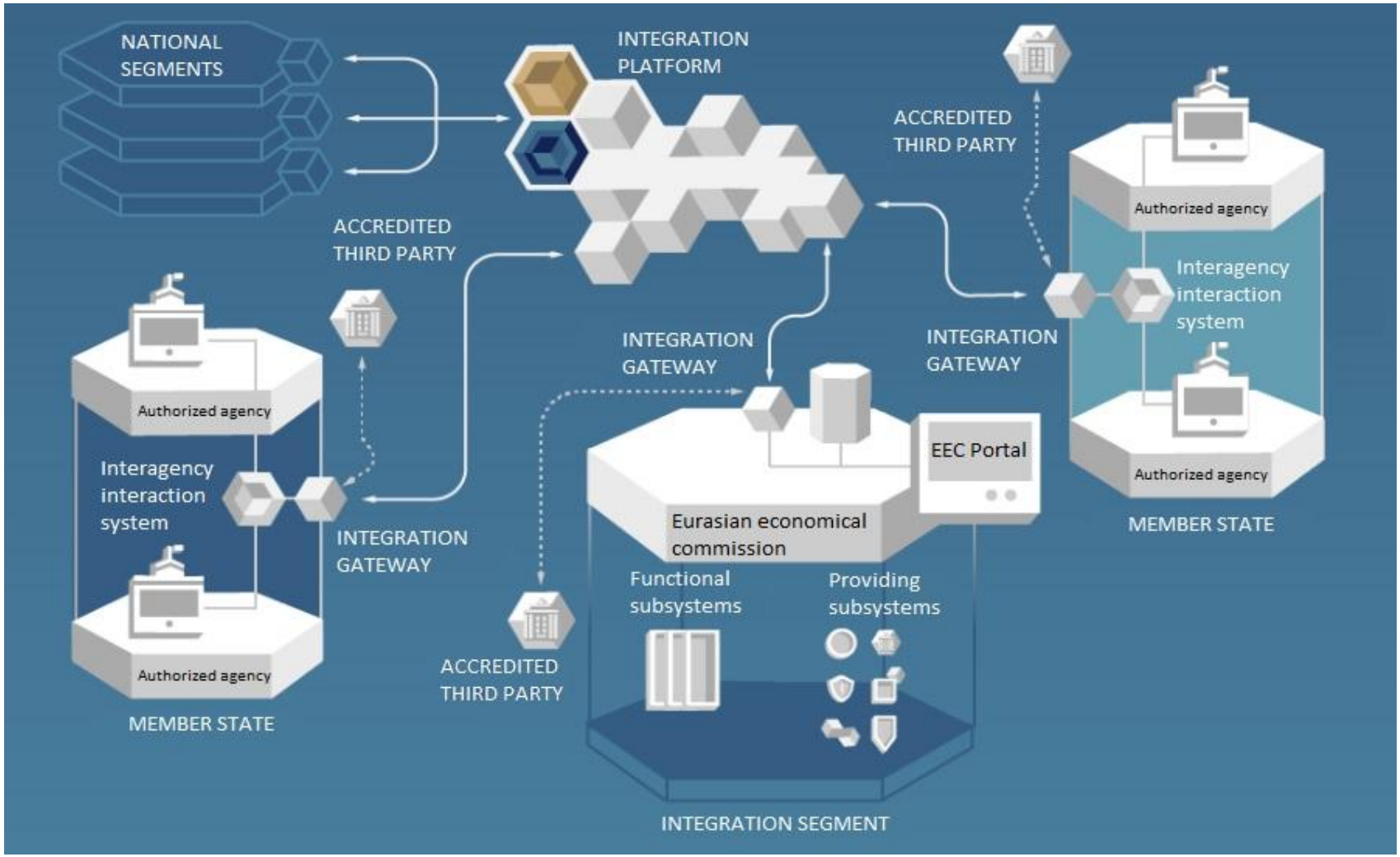
THE RESEARCH OBJECTIVE

Problems of the informational customs technologies:	Depreciation of equipment
	Workload on border checkpoints
	The complexity of customs procedures application
	Duration of customs clearance process

- **The research objective** – to suggest the ways to reengineer customs information technologies.

ITMO more than a UNIVERSITY

THE INFRASTRUCTURE OF THE INTEGRATED INFORMATION SYSTEM OF THE EAEU

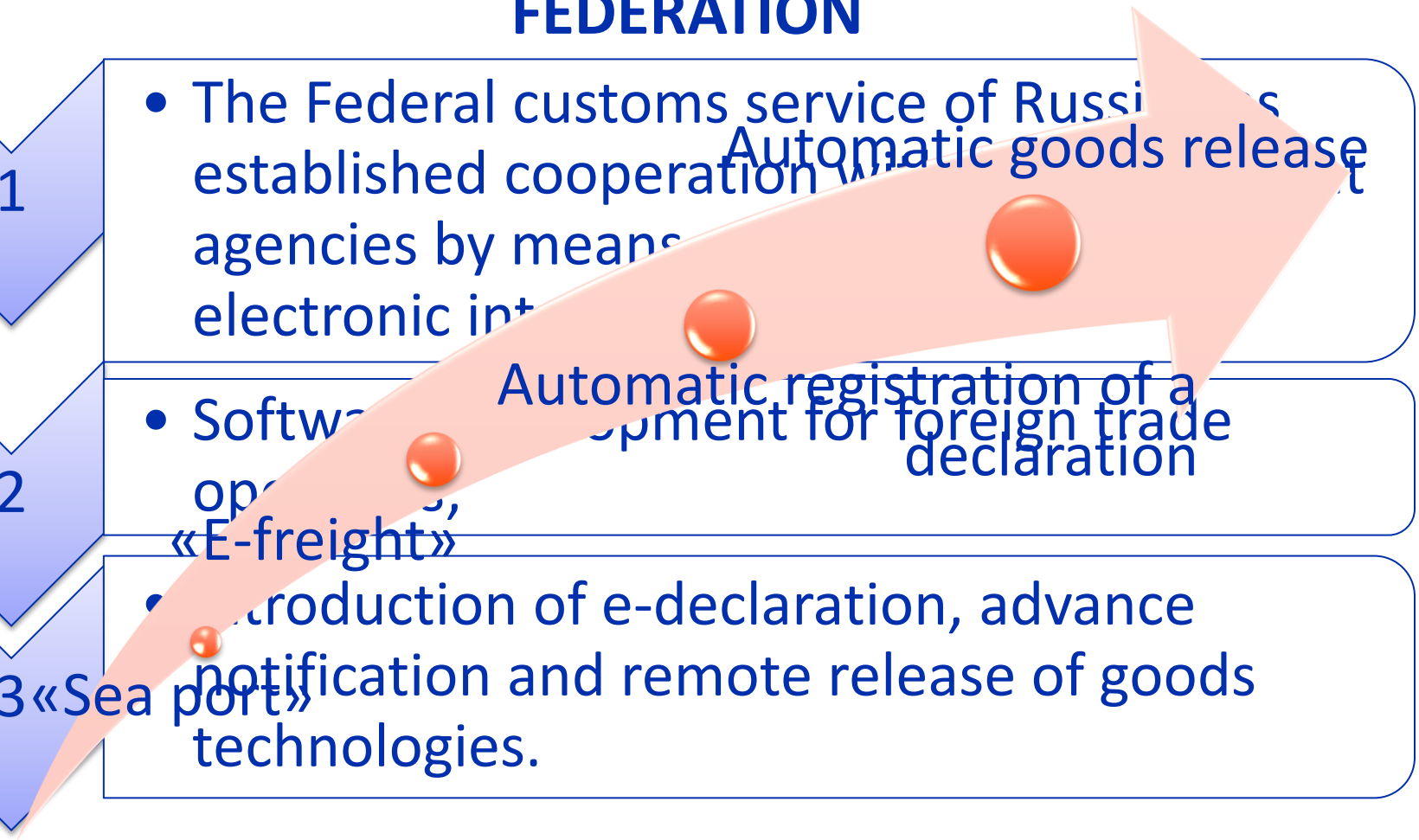


PREREQUISITES OF INNOVATIVE TECHNOLOGIES REALIZATION IN CUSTOMS AFFAIRS IN THE RUSSIAN FEDERATION

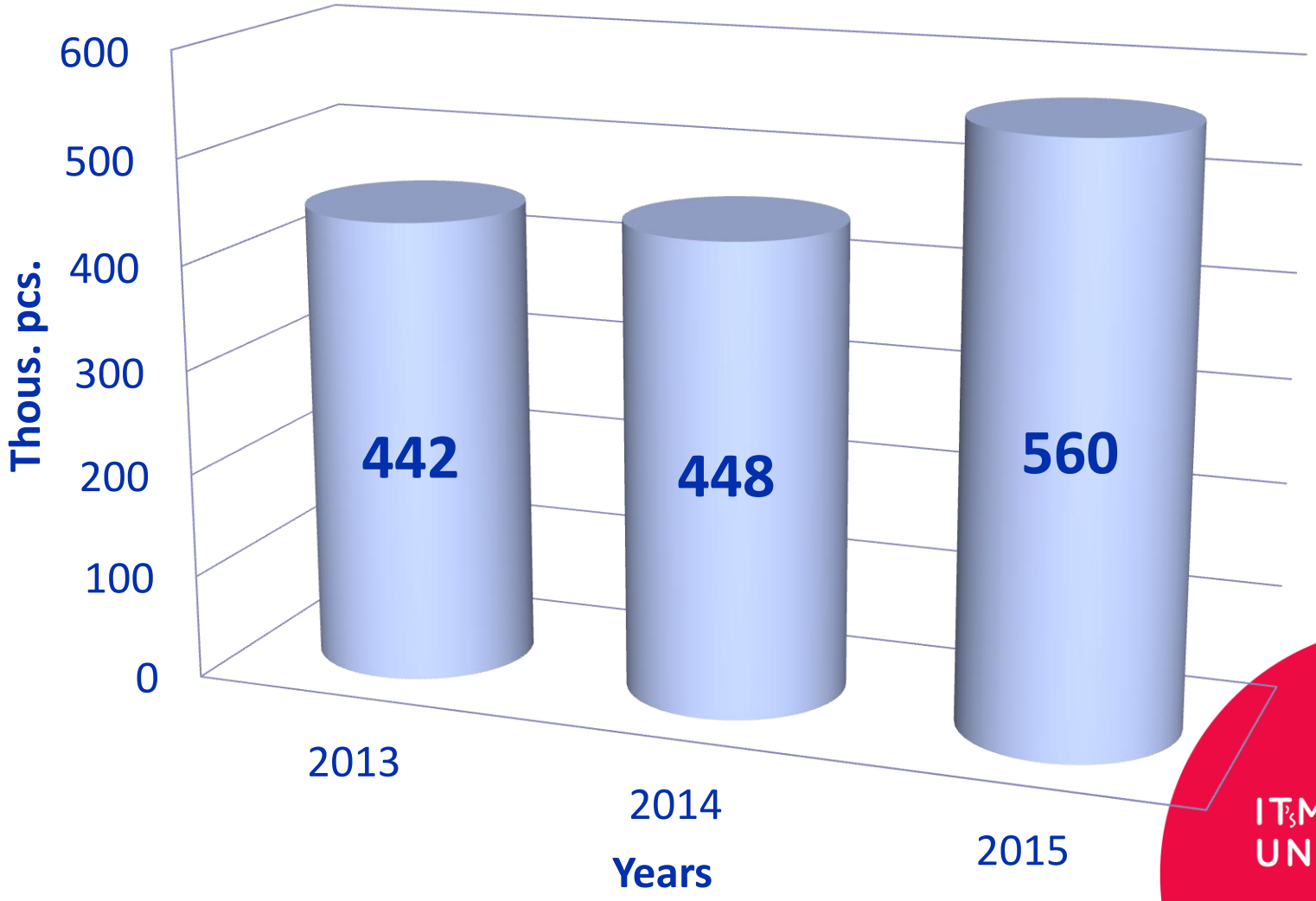
1
- The Federal customs service of Russi… established cooperation wi… agencies by means … electronic int…

2
- Softwa… opm… «E-freight»

3«Sea port»
- …troduction of e-declaration, advance notification and remote release of goods technologies.

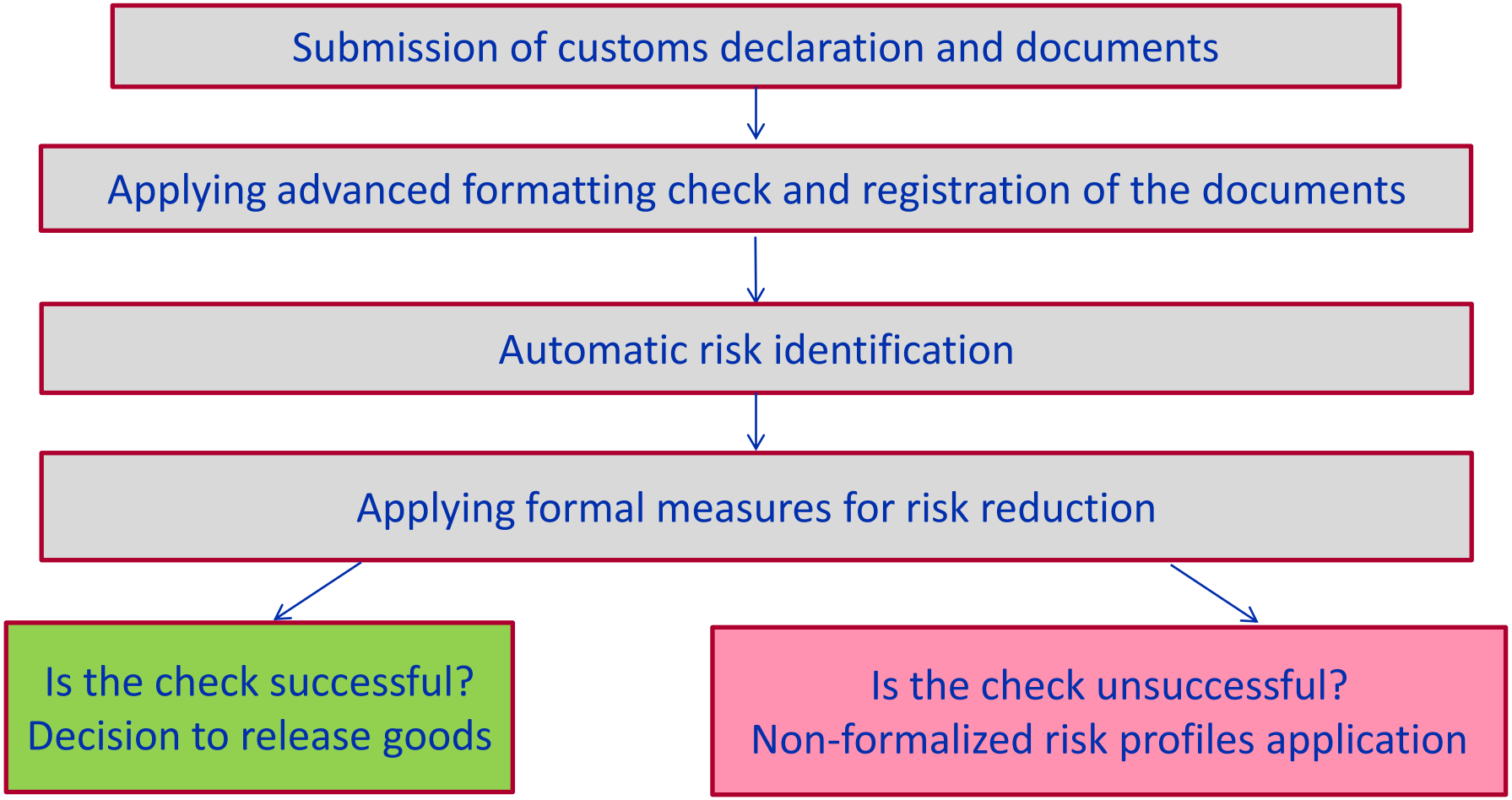


DYNAMICS OF CUSTOMS DECLARATIONS QUANTITY REMOTELY RELEASED IN THE RUSSIAN FEDERATION

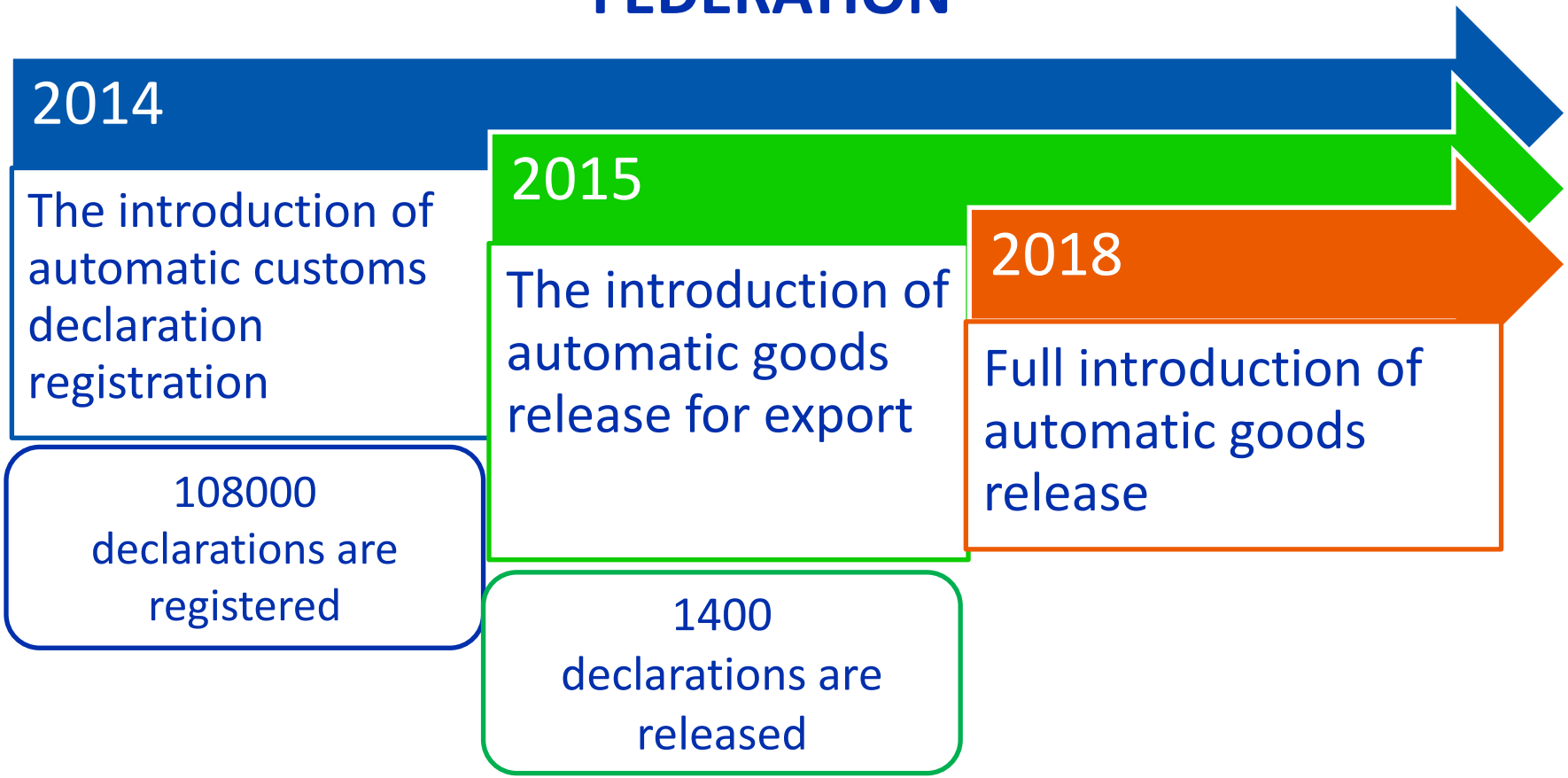


ITMO more than a UNIVERSITY

PRACTICAL IMPLEMENTATION OF AUTOMATIC GOODS RELEASE



THE STEPS OF AUTOMATIC GOODS RELEASE TECHNOLOGY DEVELOPMENT IN THE RUSSIAN FEDERATION



THE ADVANTAGES OF TRANSIT GOODS TRACKING IN REAL TIME USING GPS

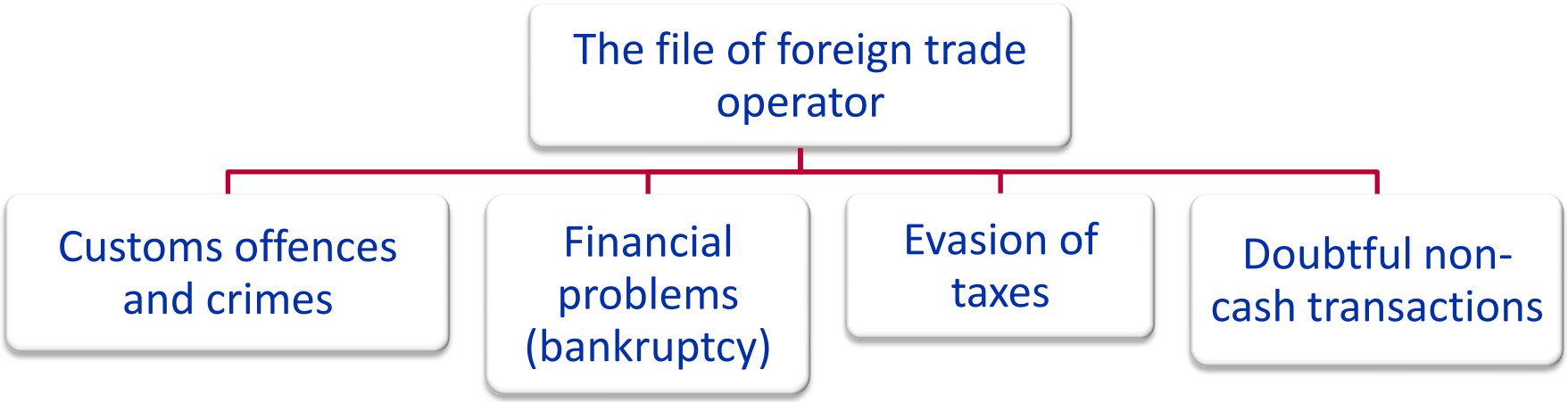
Offences reduction

Notification of illegal access to goods

Exclusion of customs escort

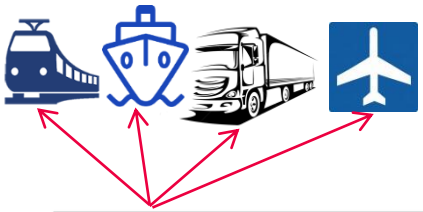
The integration perspective of informational customs and foreign trade operators' technologies

«BIG DATA» TECHNOLOGY IN USE WITH THE RISK-MANAGEMENT SYSTEM



*«Big data» – is a set of approaches and methods for processing huge volumes of structured and unstructured data in order to obtain effective human-readable results within the shortest possible time.

PERSPECTIVE CUSTOMS CLEARANCE PROCEDURE



«Big data»

Integrated information system of the EAEU

Remote release procedure application

Advance notification

Foreign trade operator file analysis

Submitting of customs declaration

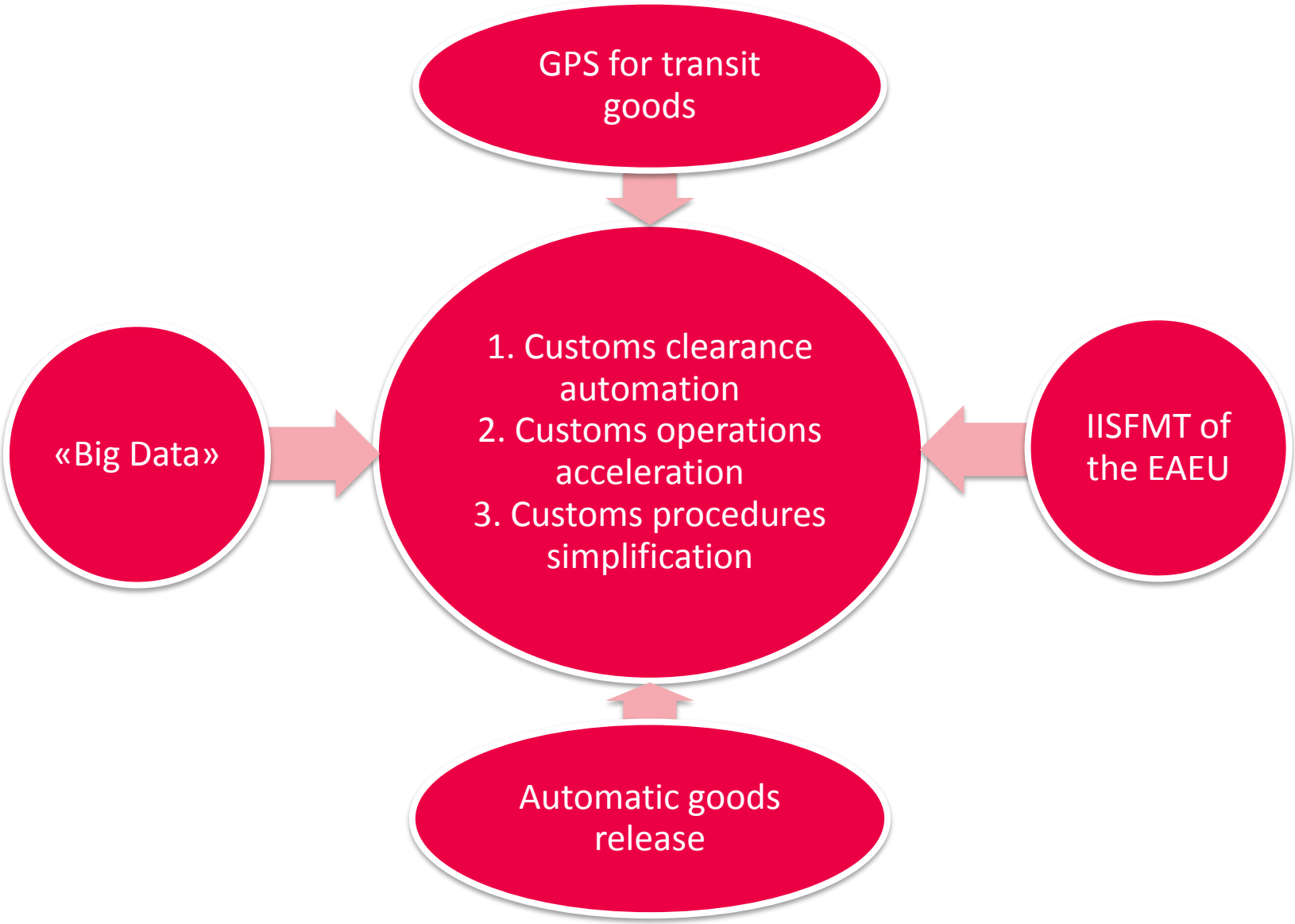
Customs declaration registration

Formatting check and RMS

Goods release

All actions of customs officers that are not related to risks reduction are automatically carried out

THE CONCLUSION



ITMO UNIVERSITY

Thank you for attention!

Ro.lapa@yandex.ru

Manila, 2016