

# Reimagining land border ports

**How to take the Leap**





\***Global trade volume** is grow expected to **1.7%** in 2023 before picking up to **3.2%** in 2024 , leading to **heavy investments** in **LBP**s for ease of **trade** and **travel**

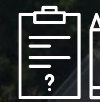
\*Source: World Trade Organization



### Significant Investments

# 13.4B USD

is being invested across USA, Canada, Mexico, KSA and Singapore\*\* for upgrading their LPoEs



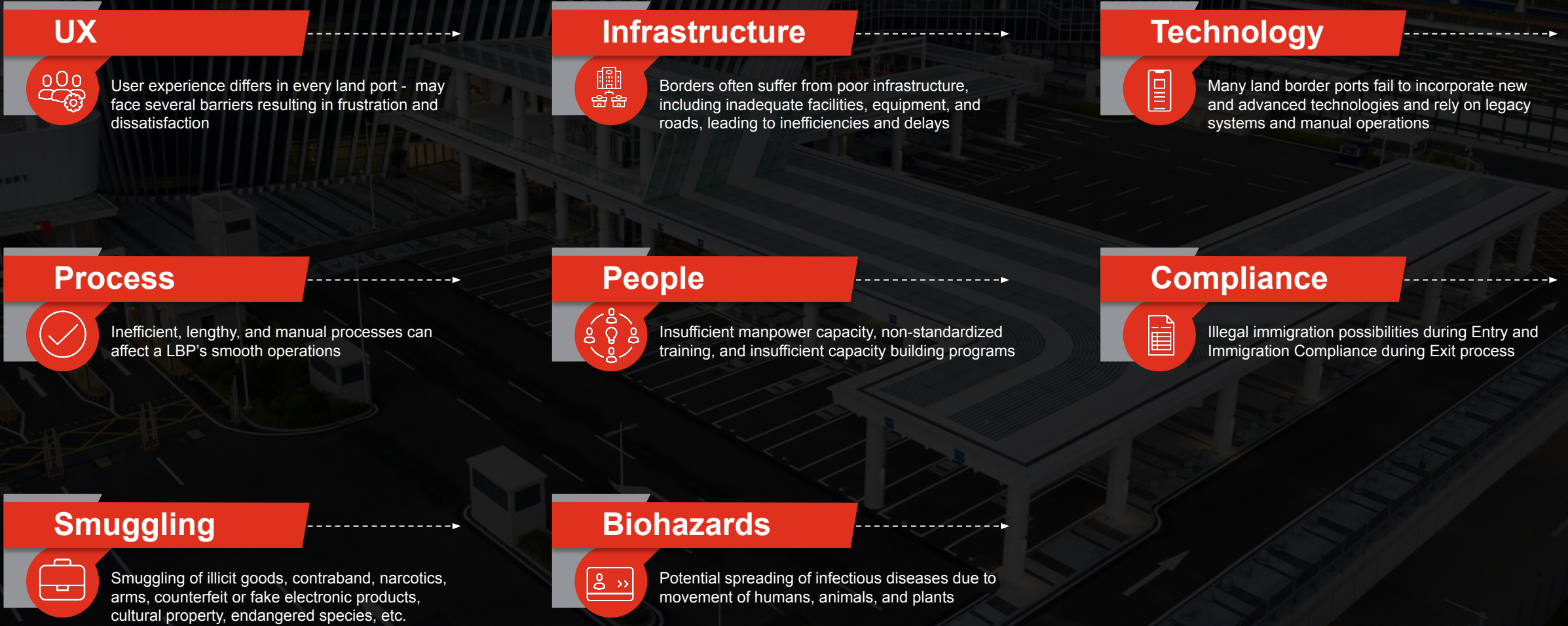
Countries are investing to upgrade their **Infrastructure & Technologies** and to **Automate their Process** at Land Port of Entry

\*\*Top 4 investing countries



# ...however Land Border Ports (LBPs) currently face many challenges

Non-Exhaustive





...These challenges can be addressed by a Cognitive LBP which is based on 3 strategic pillars



Minimum Footprint based design



Enriching user experience



Adopting Emerging Technologies



# Personalization and trade and travel facilitation are key attributes for Cognitive LBPs

PERSONALISED

COGNITIVE



## ENHANCED EXPERIENCE, LIMITED TRADE

Numerous methods and technologies are available for personalization, with an emphasis on improving the user experience



## ROBUST TRADE FACILITATION, INTUITIVE EXPERIENCE

Unified systems with an immersive / 'cognitive' form of experience providing high impact user experience and efficient trade.



Personalisation

Trade and Travel Facilitation



## MINIMAL PERSONALIZATION AND STRINGENT POLICIES

Limited or no systems with conventional practices, strong emphasis on security, overlooking user experience and trade efficiency.



## ROBUST TRADE FACILITATION, LIMITED PERSONALIZATION

Extensively defined trade and travel policies, however not personalised to enhance user experience

RESTRICTIVE

ENABLED



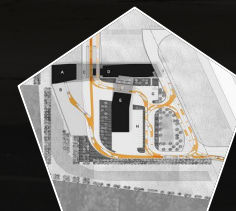
Cognitive LBP Operations Centre



Cognitive Risk Engine



User Experience



Minimalistic Design



Advanced and Emerging Technology

**How to take the  
LEAP to the  
Cognitive Quadrant?**



Let us visit a next gen land border ports...





# RE-IMAGINE

Virtually no stoppage - **Zero delay**

**Sustainability and robustness**

**Integrated operations and inspections**



# DESIGN

**Pre-arrival risk based  
assessment for minimal  
intervention**

Integrated **'one-stop'**  
**approach**

**Intervention by exceptions**



# LEVERAGE

Enabled by emerging technologies for non-intrusive screening

Disruptive power of data for cognitive risk assessment and trend identification



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# Reimagining land border ports

How to take the leap?



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the paper





“ Let us together  
begin this journey ”



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# Thank you

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