Ruosi Zhang Geneva, 9 September 2020 While transport services require physical delivery, digitalization is transforming the sector along the transport supply chain:

- Vehicle/ship design;
- Infrastructure: road, bridges, tunnels, rail, ports, terminals;
- Transport operation (e.g. capacity allocation, cargo management, shipment tracking and tracing, customer services, etc.)
- Intermediary services;
- Supporting services: warehousing, monitoring and inspection;
- Maintenance and repair of transport equipment;
- Information and documents transmission among multi-players (shippers, shipping lines, port authority, the Customs, terminal operators, etc.)

Higher level of automation;

Better and broader connectivity;

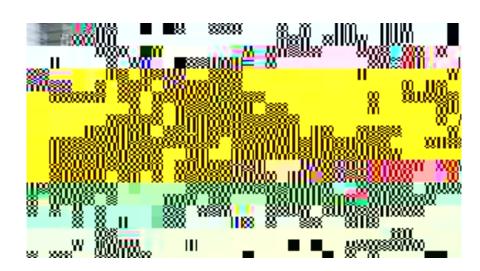
Main digital technologies and solutions: Internet of Things, cloud computing, big data analytics, automation and robotics, artificial intelligence;

Digital platforms become a new business model, which enable innovative transport services or more efficient supply of services and increase tradability of services;

Data-driven approach become dominant for both businesses and regulators;

Digital synergies between transport/logistics services and other service sectors: digital transformation of transport and logistics services relies on the support of other services, but also boosts the latter's advances, such as: telecom, CRS, construction and engineering, energy, environment, and other business services.





Higher levels of automation: platooning, autonomous vehicles Intelligent Transport System (ITS): wide deployment of road-side and

Intelligent Transport System (ITS): wide deployment of road-side and in-vehicle sensors combined with Big Data analytics allows real-time and fine-grained tracking so as to enable better management of vehicles and loads.

Digital freight brokerage services: Load-matching platforms, e.g. Uber freight



Online booking and online cargo management

Tracking and tracing of shipments

Routs optimization Autonomous vessels



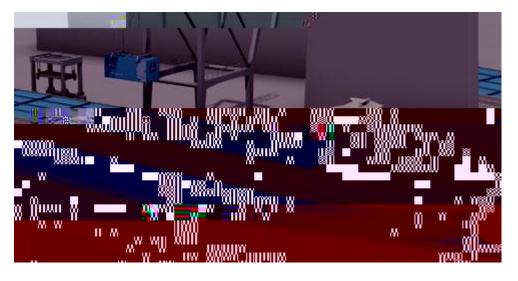


EXHIBIT 2 | Seven Digital Trends Will Transform Container Shipping 0000 VESSELS AND CHA " 128 INTERNET E-PEATFORMS ADVANCED ANALYTICS OF SNIGS VESSELS AND ******* cegnaW mediaaaaaa asi all and a single and a sing HISSUM!!!SEE Imimilmilli mgentleauer Illgoomii::: Hormujjiseg..... (Sec. 111)-mmaner:

Autonomous trains Signalling and traffic management Digital train control Digital platforms for predictive maintenance and reparation E-ticketing

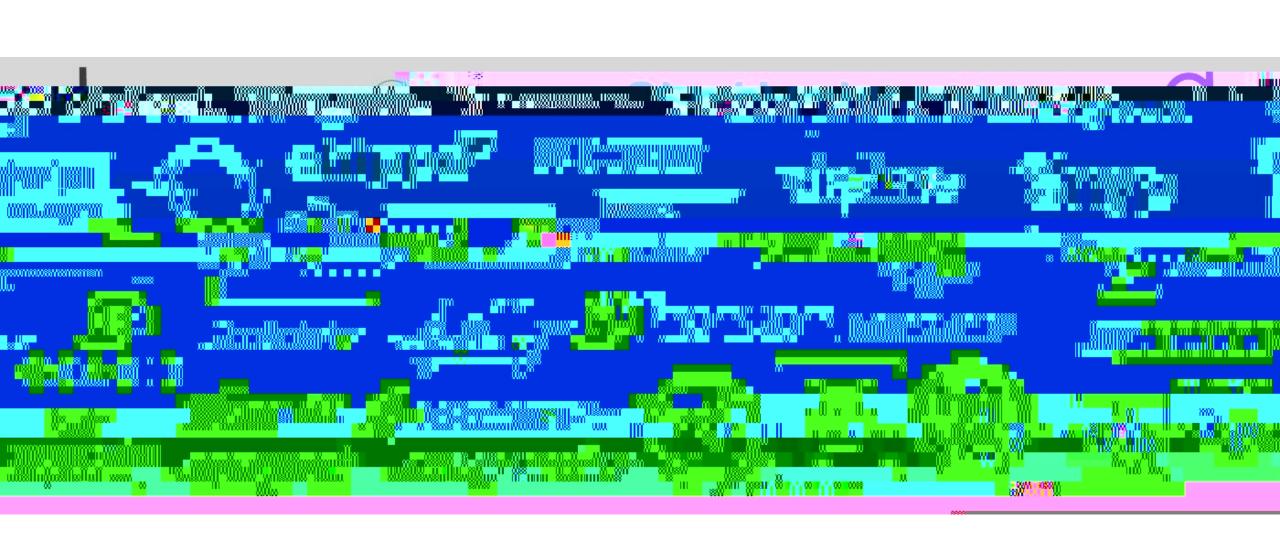


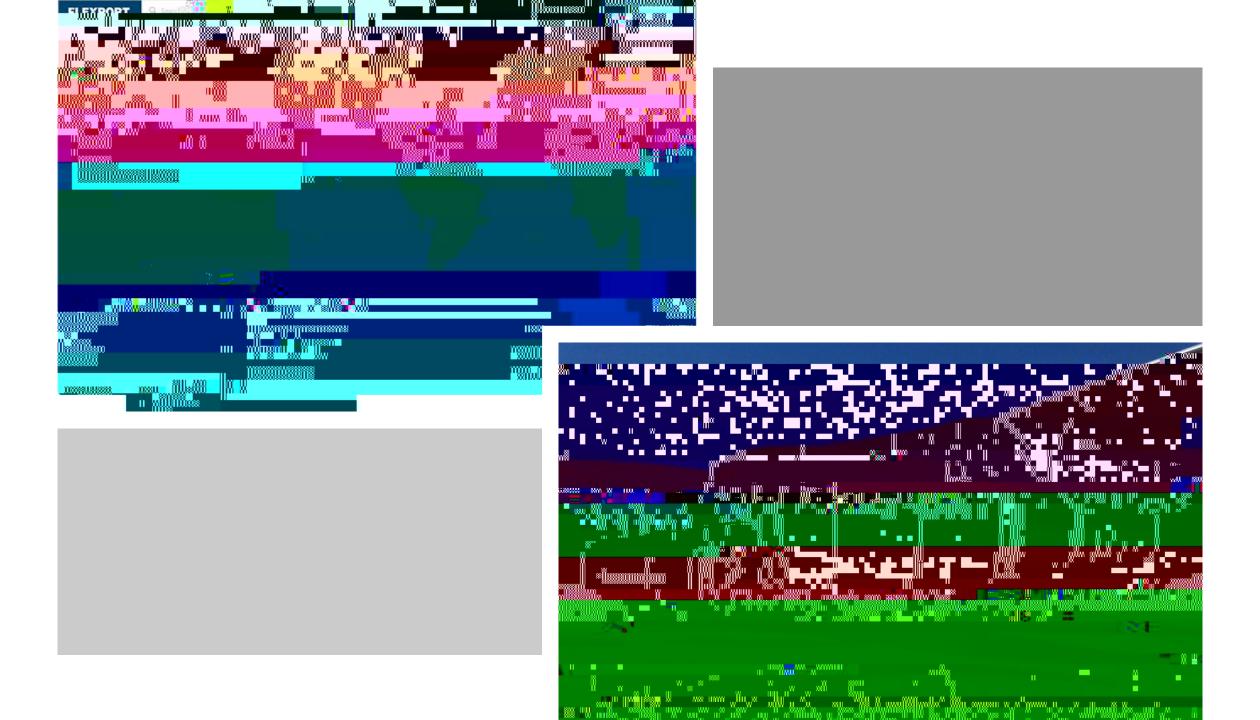


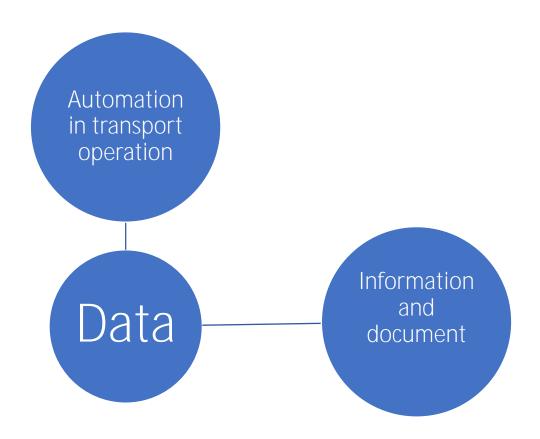
Digital technologies (e.g. Al, IoT, automation, Big Data Analytics, etc.) provides possibility to address chronical urban transport problems, e.g. traffic jams; lack of choice for consumers; inefficient utilization of vehicles and space; pollution; etc.

- Data collection and data analytics help better identify causes of problems and find solutions;
- o Data-driven new public transport services: e.g. Via Van, US-German joint venture, on-demand, dynamic, d/1Lang (en-GB) & DC q0.0000 & 96 & m0 g0 G(-)] TET (EN









Data is crucial not only for the operation of business, but also for governance and policy-making in the age of digitalization;

Some other issues also become prominent: interoperability between different systems, harmonization of individual digitalization initiatives, standardization, safety, cybersecurity, etc.

Synergies with other sectors require a holistic digital strategy to build a supportive ecosystem;

Disruptive effects of digitalization on incumbent services and service suppliers require balancing policies and regulations;

Policies and regulatory framework should foster innovations which are not only sources of competitiveness, but also beneficial to public good.