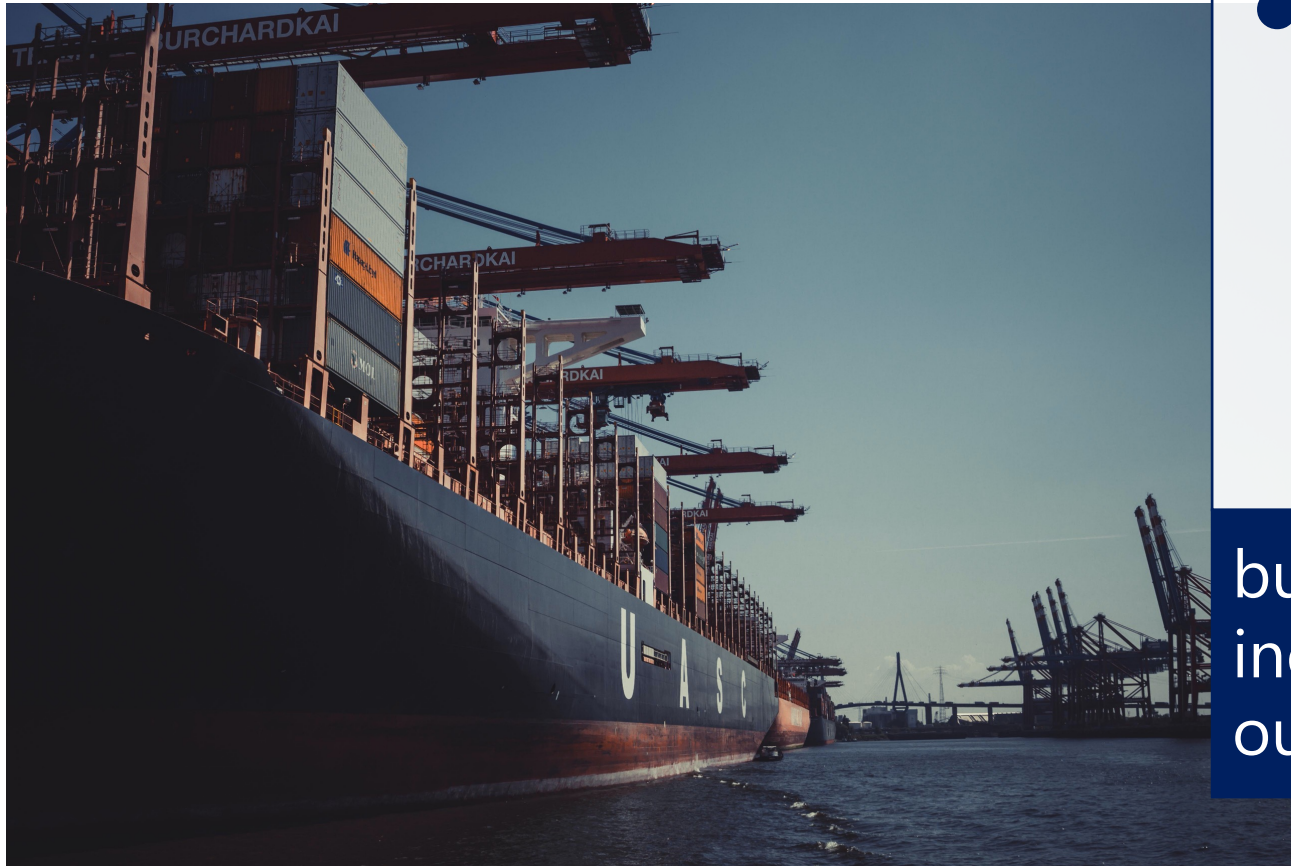


Transforming Maritime Supply Chains: Leveraging New Technologies for Efficiency and Predictive Insights

Tzorou Lioretta
Purchasing Manager



Maritime Supply Chain



- Crucial for global trade

but are hindered by inefficiencies from outdated processes



The Power of Data and Technology

Harnessing
Data

Predictive
Analytics

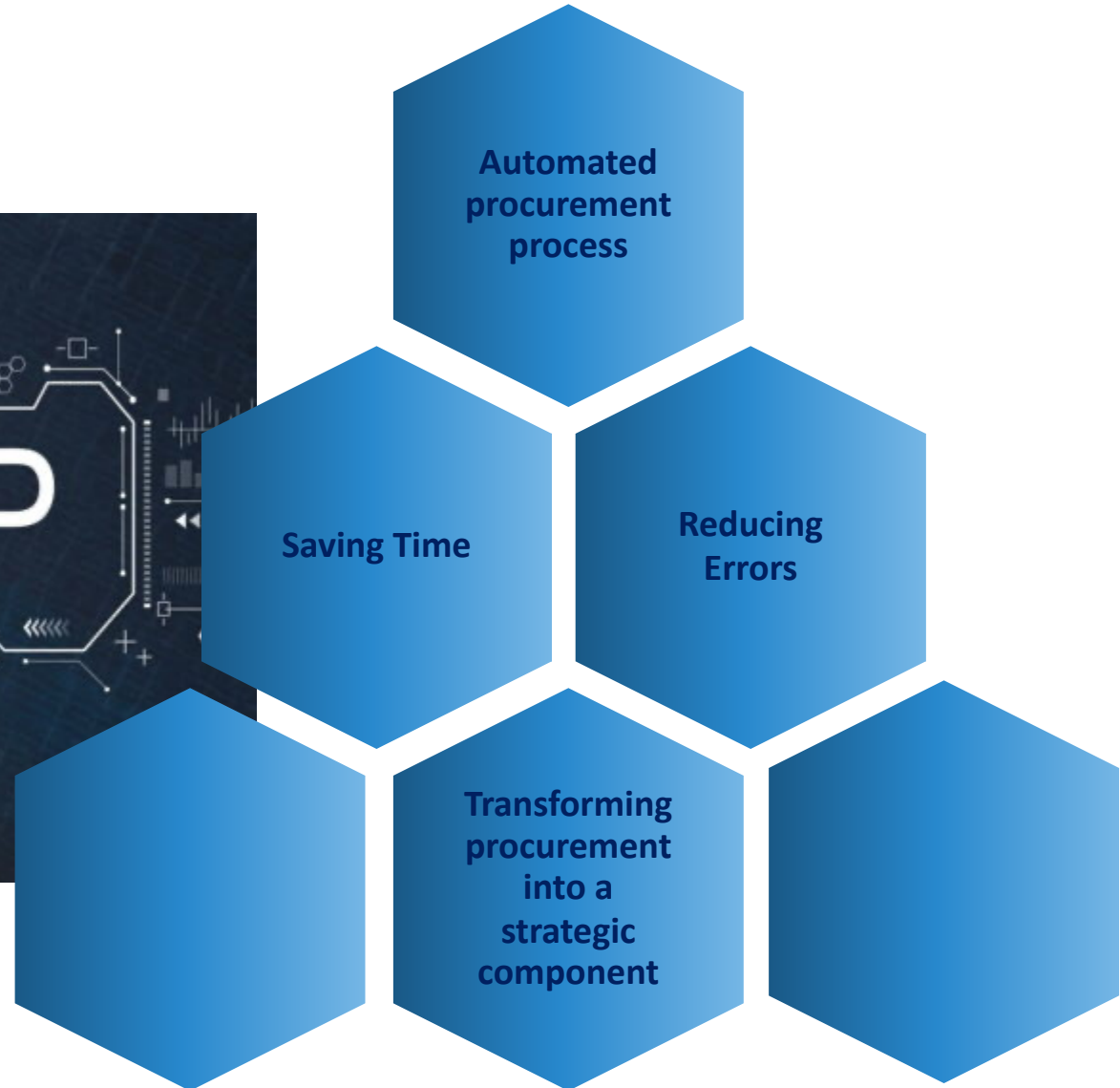
Informed
Decisions



Comprehensive Management with ERP Systems



[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)



From Excel to ERP: A Transformation Story



Predictive Analytics: A Game Changer

- Access to high-quality data
- Forecast future market dynamics
- Enhance decision-making processes
- Ensure compliance with evolving regulations

Utilizing KPIs for Predictive Insights

Track Supplier Performance

- Timely deliveries
- Cost efficiency
- Error rates
- Quality standards

Gain Insights Into

- Suppliers' reliability
- Larger market trends
- Potential external disruptions

Adapt Procurement Strategies

- Ensure alignment with high standards
- Respond proactively to environmental shifts

Outcome

- Balanced view for proactive decision-making
- Maintained operational excellence and resilience in a changing world

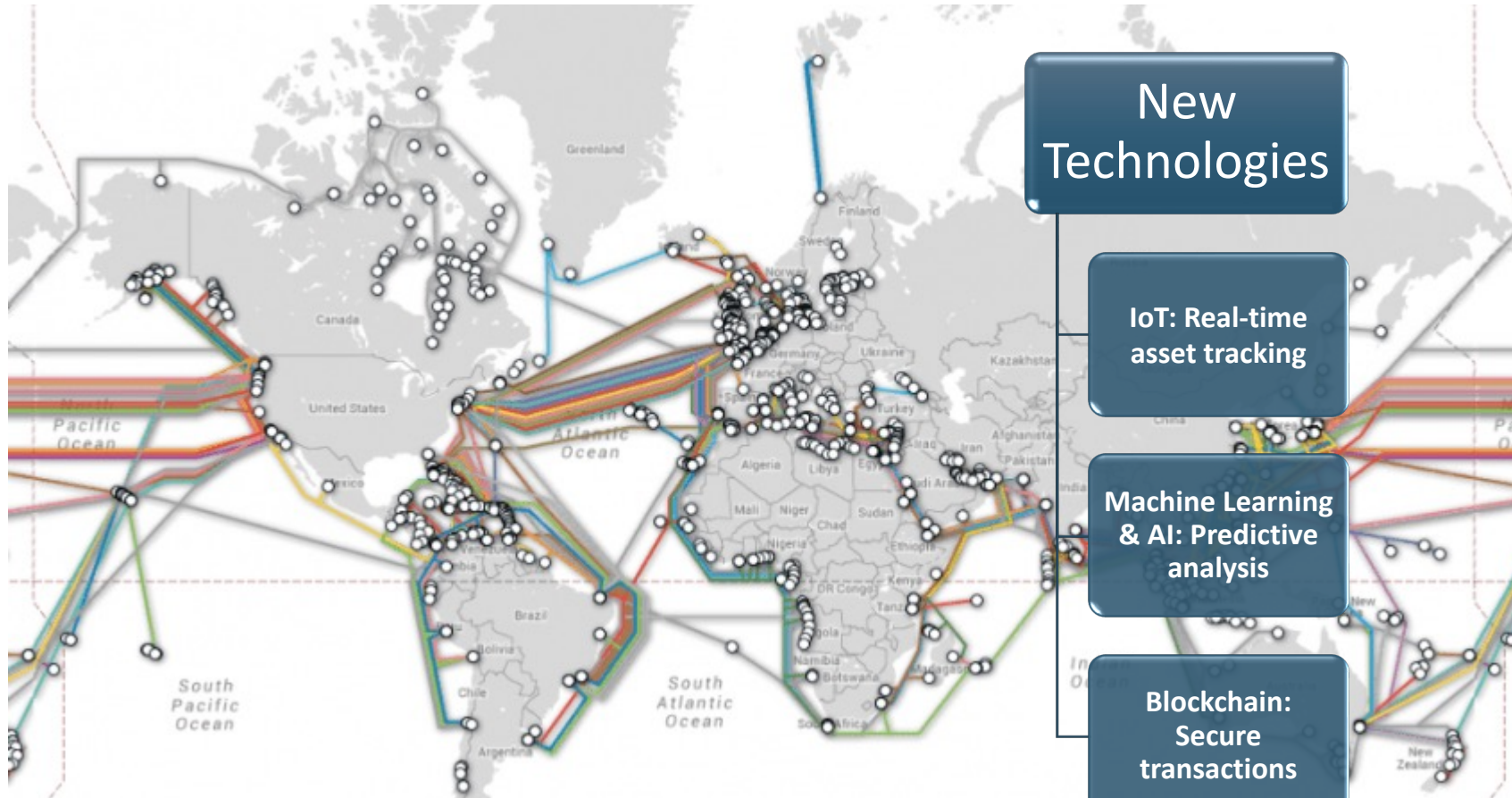
MEASUREMENT

OPTIMIZATION

STRATEGY

PERFO

Revolutionizing Maritime Supply Chains with New Technologies



New Technologies

IoT: Real-time asset tracking

Machine Learning & AI: Predictive analysis

Blockchain: Secure transactions

Benefits

Enhanced visibility & traceability

Increased efficiency & cost savings

Lower environmental impact

Improved decision-making

Reduced losses & better security



Technology's Role in Navigating Geopolitical Disruptions

- Real-Time Trackings** Satellite and AIS data for proactive rerouting.
- Predictive Analytics** AI forecasts to predict disruptions and plan ahead.
- Secure Communications** Instant updates for ships and operators.
- Scenario Planning** Digital simulations for emergency preparedness.
- Fleet Optimization** Adjust schedules and manage cargo efficiently.

Embracing the Future



[This Photo](#)

[CC BY-SA-NC](#)



[This Photo](#) by Unknown Author is licensed under [CC BY-SA-NC](#)

Thank
you