

## SOLVING THE WORLD'S MOST COMPLEX **TRADE & LOGISTICS** CHALLENGES

# ECONOMIC IMPACT ASSESSMENT

## Evaluating impact of policy and IT interventions

In the fast-paced world of international trade, there are constant requirements to upgrade systems, adopt new technologies, adapt policies and regulations to meet changing demands, and build the capacity of staff to implement these new innovations. Governments, development partners, and private sector investors must make difficult decisions on how to allocate limited resources for maximum impact. Nathan supports both public and private sector organizations with a full array of services from appraisals and market studies to economic impact assessments and evaluating performance of trade and logistics investments and reforms.

### KEY SERVICE OFFERINGS

- Forecasting demand
- Developing evaluation toolkits
- Conducting ex-ante evaluations of potential impact
- Assessing performance and impact of investments ex-poste
- Cost-benefit analysis
- Monitoring and Evaluation
- Business process analysis
- Estimating economic benefits of Industry 4.0 Technologies
- Economic Impact Assessment of Transport and Infrastructure projects

## ASSESSING MARKETS AND CONDUCTING APPRAISALS OF POTENTIAL ECONOMIC IMPACT

Conducting ex-ante assessments of the potential impact of investments requires expertise not only in assessing impact but also in understanding markets, estimating costs and benefits, and forecasting demand. In Panama, Nathan presented an analysis of the potential impact of the Panama Canal's third lock system. Similarly, in Mozambique, Nathan conducted a study for a private investor estimating the potential direct and indirect impacts of a \$6 billion railway investment on regional economies.

## ECONOMIC IMPACT ASSESSMENT OF INDUSTRY 4.0 TECHNOLOGIES

Nathan has partnered with organizations like the World Bank, USAID, and IDB, as well as governments and private sector companies, including Google, to analyze the impact of the internet on SMEs, the impact of Additive Manufacturing (3D Printing) on global trade flows, and the impact of Digital Identity models on economic and development outcomes.

## ECONOMIC IMPACT ASSESSMENT OF POLICY AND GOVERNANCE REFORM

Nathan has provided its clients with robust tools to assess the impact of various policy and governance reform initiatives. These include assessing the impact of trade facilitation on economic drivers such as GDP and employment, evaluating the impact of reducing import and export fees and charges on consumers, and assessing the impact of liberalizing the trucking industry in West Africa.

## EVALUATION OF INFRASTRUCTURE INVESTMENT PERFORMANCE

Evaluation of project performance is important for both accountability to taxpayers and learning to make improvements in future project design. For the MCC, Nathan conducted performance evaluations of two port investments in Benin and Cabo Verde. In Honduras, Nathan is monitoring and independently assessing the performance of a port concessionaire.

## CONTACTS

**RACHID BENJELLOUN**  
Vice President  
rbenjelloun@nathaninc.com  
Tel: +1 703.516.7822

**EAMON CASSIDY**  
Head of Trade (UK)  
ecassidy@nathaninc.com  
Tel: +44 (0)207.902.7788

**nathaninc.com**

### ABOUT NATHAN

Nathan is a private international economic and analytics consulting firm that works with government and commercial clients around the globe to deliver practical solutions and achieve lasting results. Whether building frameworks for economic growth or navigating regulatory hurdles, securing infrastructure financing or evaluating and assessing disputes, Nathan's experts serve as trusted partners, offering clients the analysis, technical advice, and strategies they need for sound decision-making. Known for both technical and service excellence and with corporate offices in the US, London, and India and more than 40 program offices around the world. More information about Nathan can be found at [nathaninc.com](http://nathaninc.com)

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