Prof. Karine Doan

- **Professor of Supply Chain Management**
- **3 years in applied research**
- **10 years experience in various Supply Chain positions in international companies (Autodesk and Johnson & Johnson)**

"Agile and sustainable Supply Chain Management is key to success"

Further Education

Master of economics

APICS Certified In Production and Inventory Management (CPIM)

Lean Green Belt certified

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Research area and research questions (of the institute)

How Blockchain technology, more specifically Smart Contracts, can address the complexity and divergence of interests of global Supply Chains?

How to combine Process Mining and Supply Chain Management in order to develop an interdisciplinary vision?

How shortening Supply Chains from producer to consumer can contribute to reinforce regional economy, knowing that the its health – in terms of job creation and tax return – depends primarily on its ability to circulate regionally the physical and financial flows that depend on it?

Fields of competences (of the institute)

Supply Chain 4.0: new management models and S&OP process

Lean Management as a prerequisite to Industry 4.0

Creation of diagnosis for regional socio-economic development

Process support for territorial management

Interdisciplinary approach between engineering solutions (process mining, machine learning & Iot) and Supply Chain Management

Selected Projects
- Impact of Corporate Social Responsibility (CSR) implementation in Supply Chain Management
- Short food Supply Chain
- Blockchain and Smart Contracts in Supply Chain Management
- Machine learning within the context of Supply Chain Management (in partnership with Russia University)
- Smart process mining
- Economic diagnosis of *Arc jurassien*

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