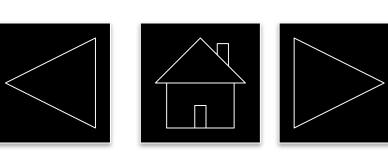


Student: Leah Davis, SCM 2017

Student: Joe Lucido, SCM 2017

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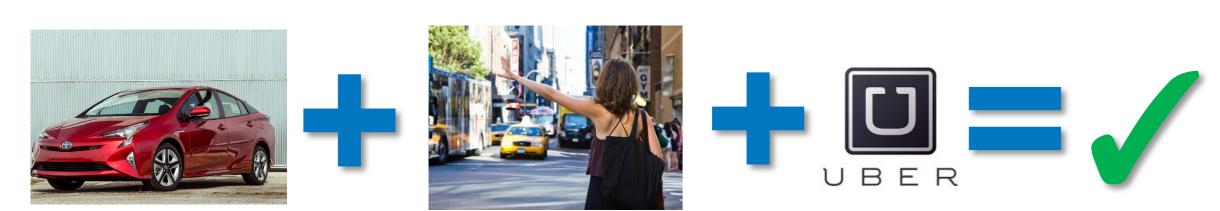
Innovative Transportation Solutions: Uber for Freight





Motivation / Background

A lot of success with the UBER business model



Does this model work for shipping hazardous materials?











Key Question / Hypothesis

What are the challenges associated with applying the Uber for Freight concept in a hazardous materials handling environment?

Current Players in Uber for Freight

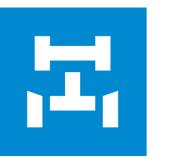
TRANSFIX

CONVOY





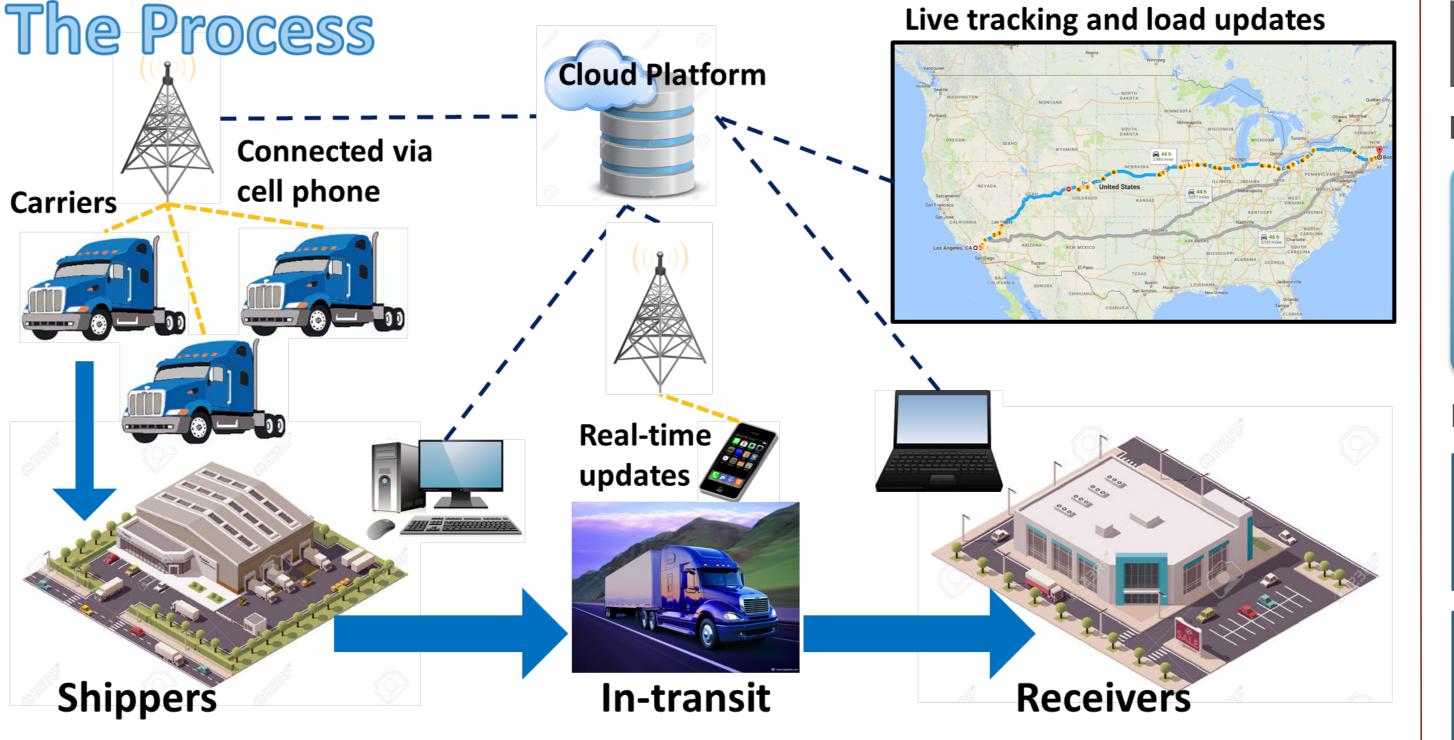






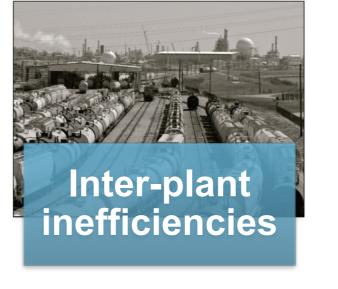


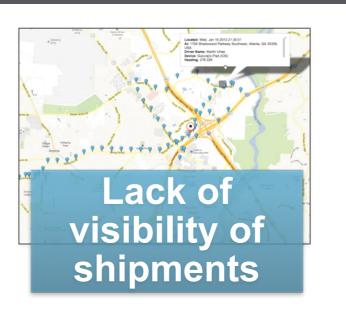
CARGO



Problem Statement









Methodology

Analyze current models

Develop UFF model

chemical industry 8 sponsor specific knowledge

with model and sponsor deliver company findings and UFF players

Live tracking and load updates

Initial Results

Model (See diagram to left and details below):

Live-tracking of shipments

Loadmatching based on requirements

Efficient pricing & payment

Rating system for shippers and carriers

Feedback from Sponsor Interviews:

Regulatory concerns

Additional equipment

capacity

constraints

now

Language barriers

Alignment with procurement strategy

Data integration

Service vs. price trade-off Timing: no **Prioritization** of alerts

Bulk vs. packaged chemicals

Monitoring responsibility

Expected Contribution

Overview of current applications and best practices of UFF in industry

Development of a conceptual model of UFF

Assessment of potential products or segments to apply UFF at Sponsor

Analysis of challenges and opportunities in using UFF at Sponsor

About Us



Leah Davis Prior Employer: BP **Position:** Category Analyst **Undergraduate:** Penn State University Post MIT: Boston Consulting Group - Denver



Current Employer: U.S. Navy **Position:** Submarine Officer **Undergraduate:** University of Illinois Champaign/Urbana Post MIT: Interested in sustainable supply chains



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