

# Scenario Planning Through Optimizing Logistics Processes in the Automotive Industry



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**Faruq Harifsyah**  
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**NOW** IT'S **YOUR TIME!**

## Objective

To optimize logistics processes at PT XYZ through scenario planning

## Key Points

- Importance of digitalization in logistics
- Challenges faced by traditional logistics systems
- Benefits of implementing Industry 4.0 technologies

## Logistics Operation/Process

- Definition and importance of efficient logistics
- Impact of the industrial revolution 4.0 on logistics
- Role of IoT in enhancing logistics efficiency

## Current Challenges

- Inefficiencies in logistics processes at PT XYZ
- High operational costs and delivery delays
- Inaccuracy in data and potential for fraud

## Aim

To explore strategies for optimizing logistics using the TAIDA model

## Research Questions

- What are the current challenges in logistics management?
- How can the TAIDA model optimize logistics?
- What is the impact on efficiency and cost-effectiveness?
- What scenario planning can optimize logistics

## Objectives

- Explore current logistics processes and identify inefficiencies
- Apply the TAIDA model for significant improvements
- Evaluate the impact of strategic interventions
- Propose actionable recommendations

## Qualitative Approach

- In-depth interviews with key stakeholders
- Participant observations
- Literature Review

## Data Collection

- Primary data from interviews and observations
- Secondary data from research articles and documents

## TAIDA Steps

- **Tracking:** Monitor changes in the environment
- **Analyzing:** Evaluate the data and generate scenarios
- **Imaging:** Visualize the desired future
- **Deciding:** Identify strategies to overcome challenges
- **Acting:** Implement the strategies



## Theoretical

- Advances in understanding logistics optimization
- Validates the importance of efficient logistics

## Practical

- Provides insights for policymakers
- Enhances preparedness for future challenges

## Summary

- Effective logistics optimization through scenario planning
- TAIDA model as a strategic tool
- Practical recommendations for PT XYZ

## Future Work

1. Further research on long-term effects
2. Exploration of additional technologies in logistics