

# NAVIGATING COMPLEXITY: ENHANCING STRATEGIC THINKING FOR DYNAMIC ENVIRONMENTS

2024 INTERNATIONAL SYSTEM DYNAMICS CONFERENCE PRACTITIONER APLICATION THE CASE OF ACME COMPANY

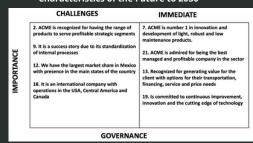
Gloria Pérez Salazar Tecnológico de Monterrey

## PROBLEM STATEMENT

The company ACME1 is currently at a decision point where it must define the market it should serve given the reconfiguration of companies competing in the sector. The trend suggests that large players are absorbing smaller ones, and it's time to decide whether it's worth strengthening capabilities to serve the Mexican market, given the 50 years of experience and favorable reputation that has been built in said market.

## SHARED VISION

• Characteristics of the Future to 2030



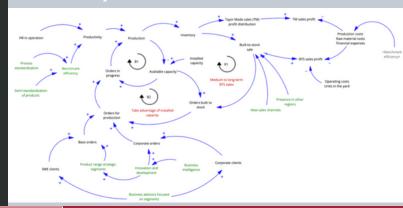
• STRATEGIC ARCHITECTURE 2030



# 1. The Shared Vision Systam Simulation model Systam Standard MALLEY STANDARD M

# THE THEORY OF CHANGE

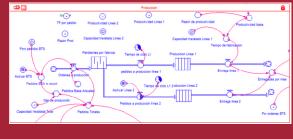
- Production Dynamics
- Comercial Dynamics
- Financial Dynamics



### THE SIMULATION MODEL

The design of the full model integrates each of the sectors connected through their critical variables. The Figure shows the integration of subsystems as presented in the simulator.

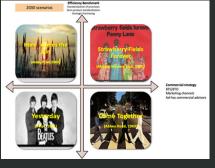




### DYNAMIC SCENARIOS ANALYSIS

		Future Vectors	
	STRATEGIC VARIABLES	Vertical Axis	Horizontal Axis
1	Innovation and Development	х	
2	Operational Efficiency	X	
3	Commercial area capabilities		Х
4	Strategic Provisioning	X	
5	Market Segmentation		Х

In the scenario design technique, it is very useful to provide a mental image of what each scenario's central idea represents using allegories in the definition of their names.



# DYNAMIC SCENARIOS ANALYSIS KEY INSIGHTS

- This exercise of future visualization helped decision-makers identify that it is indeed possible to achieve their shared vision when working systematically on key strategies both in the production system operation and in the market focus strategy.
- In the best-case scenario, their market share would place them in the 5th position on the table, below the major industry competitors, but with sufficient profits to continue investing in both production capacities and human capital.
- The morale in the team is clear; there is a future to strive for to take the company to the next level, without being absorbed by the major international players.

### MAIN CONTRIBUTIONS

- The Systemic Planning process carried out in the organization allowed for the collaborative construction of the vision
- The theory of change and dynamic scenarios were essential for envisioning different futures, not in an effort of prediction but to contribute to the visualization of the major forces that can drive the organization.
- This systemic and prospective exercise has been very useful for defining the strategic direction
- In this way, the strategies will be sustainable and realistic, leading the company to the envisioned strategic positioning by
- Another significant contribution of this intervention resulted from combining methodological approaches in a harmonious way through workshops that provided not only elements for design but also a sense of ownership of the shared future . .