



MIN

MAX

CONTROL

PRODUCTIVITY

MESSAGE FROM THE FOUNDER



DANY H. ELIAS

FOUNDER & MANAGING PARTNER

“At Sparkers, we are only interested in creating value for our clients. We like to keep things simple – whatever the situation is; therefore, we focus on first understanding the exact “pains” and needs of any company we visit so that we can shape our services & programs to those requirements.

Long reports & preaching are not our thing; instead, we go for straight-to-the-point & practical tools that serve the real value of our customer. Afterall, this is the core of our “LEAN” culture. This approach differentiated Sparkers in the market since its establishment, and it helped us in the development later on through the word-of-mouth of our satisfied friends, partners and clients.

This is said, now you can better understand our business moto:

“We don’t sell services; we only satisfy needs.”

COMPANY PRESENTATION

Sparkers sarl is an active company in the process excellence & operations' efficiency industry in Lebanon since 2017. The main focus of Sparkers is the industrial sector where the company offers exclusive services customized to the needs of its partners.



Sparkers was established to be one of the few companies providing this type of services to Lebanese companies by focusing on the LEAN manufacturing principles (Japanese way) and also the Manufacturing operations management (MOM).

Sparkers' pool of experts covers the various needs of Lebanese industries from both the industrial part and the management part; yet, the services cover as well several other services companies by focusing on enhancing their operations' efficiency.

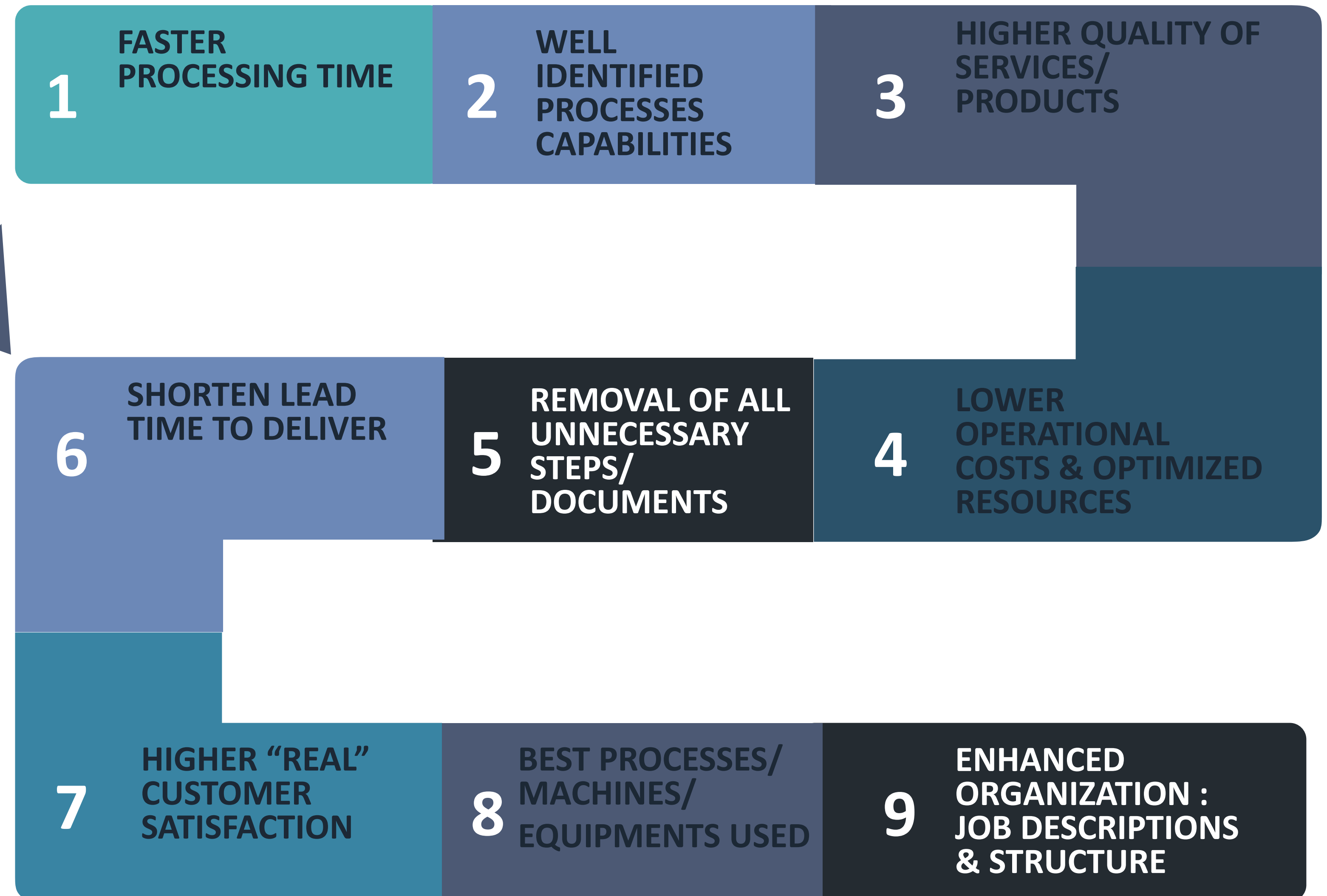
Sparkers delivers workshops about LEAN principles and Manufacturing Operations Management (MOM). More than 450 professionals from different companies were trained with Sparkers in the last 4 years.

MISSION

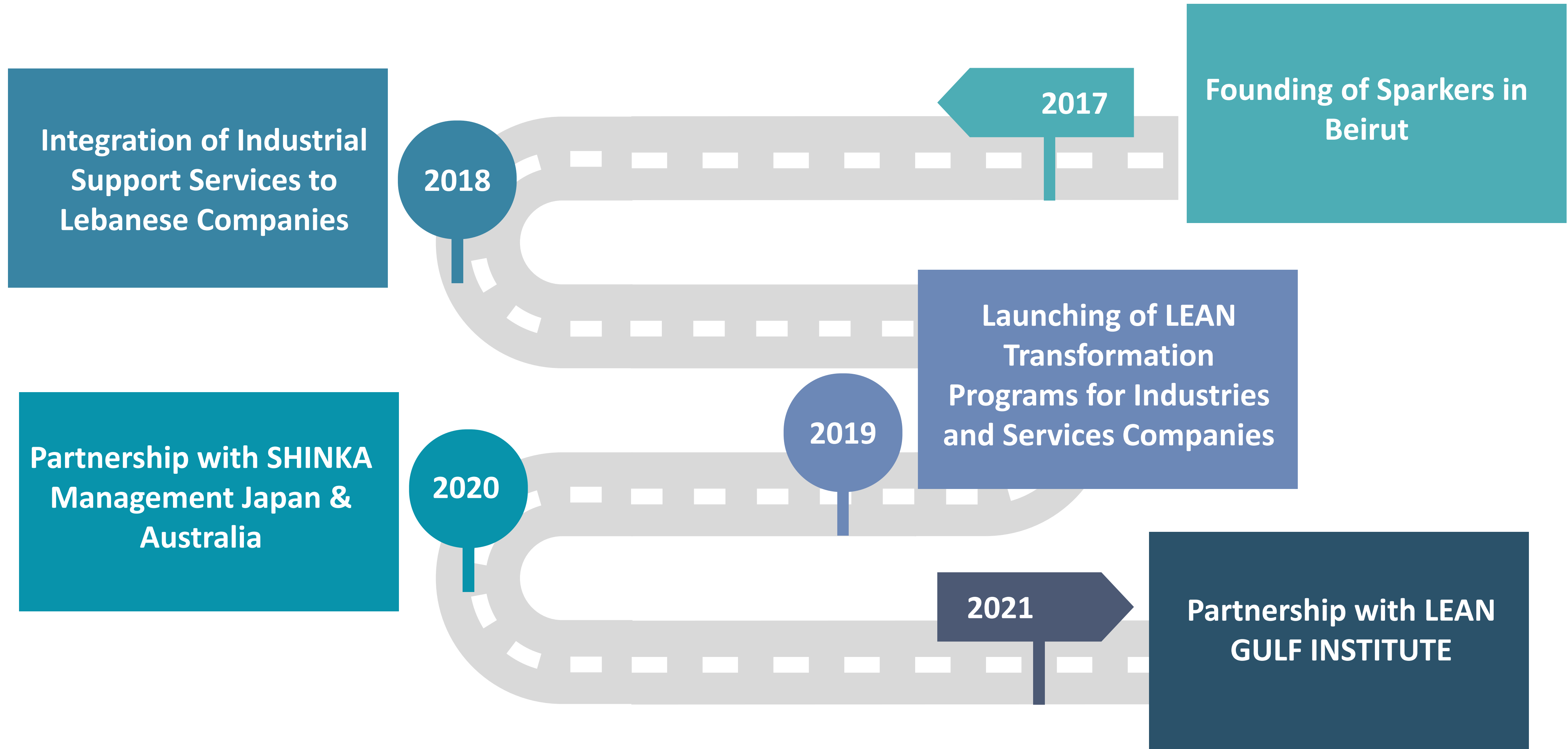
The mission of Sparkers is:

- To support Lebanese industries and to spread the LEAN culture in the Middle East
- To help companies in reviewing their processes to make sure that they are streamlined in an efficient way to achieve the following goals:

“Applying LEAN methodology is at the core of our thinking and practices - but not limited to it”



MILESTONES



BIOGRAPHY OF THE FOUNDER



- Efficiency, manufacturing & LEAN passionate since 2001
- Education: Master's degree in industrial Technology & an executive MBA
- Managed different industrial setups in Lebanon for 17 years – namely Amatoury 114 – Cosmaline (Malia group) and Alwadi al Akhdar.
- LEAN is a passion for him more than a job. He followed 2 trainings on LEAN concepts & Kaizen in San Francisco in 2011. Then a workshop in Toyota “Hiace” factory in Gifu – Japan in 2017.
- Established Sparkers solutions in 2017 with the mission to spread the LEAN culture in the region and helping diversified companies in Lebanon to become more efficient.
- Teacher of the “Manufacturing operations management” course & “LEAN course” at USJ (faculty of sciences) since 2008.

OUR PARTNERS & COLLABORATORS

WRITE YOUR SUBTITLE

7



San Diego



Beirut

Dubai



Tokyo



Adelaide



INDUSTRIAL MANAGEMENT EVALUATION & REORGANIZATION

On site support according to the needs of the factory:
Flow of materials - layout – processes capabilities -
reporting system - OEE dashboard deployment - MRP -
equipment & machineries



SPARKERS PRACTICAL WORKSHOPS

- LEAN basics Workshop
- Manufacturing Efficiency training
- LEAN Leadership
- Kaizen Workshop
- OEE training



TOTAL PROCESSES REVIEW

To make sure they deliver results in an
efficient and consistent way



SPARKERS JAPAN TOURS

In partnership with Shinka Management.
For more details, visit: [Shinka Management](#)
[Lean Japan Tour - Lean Tour and Study](#)
[Missions](#)



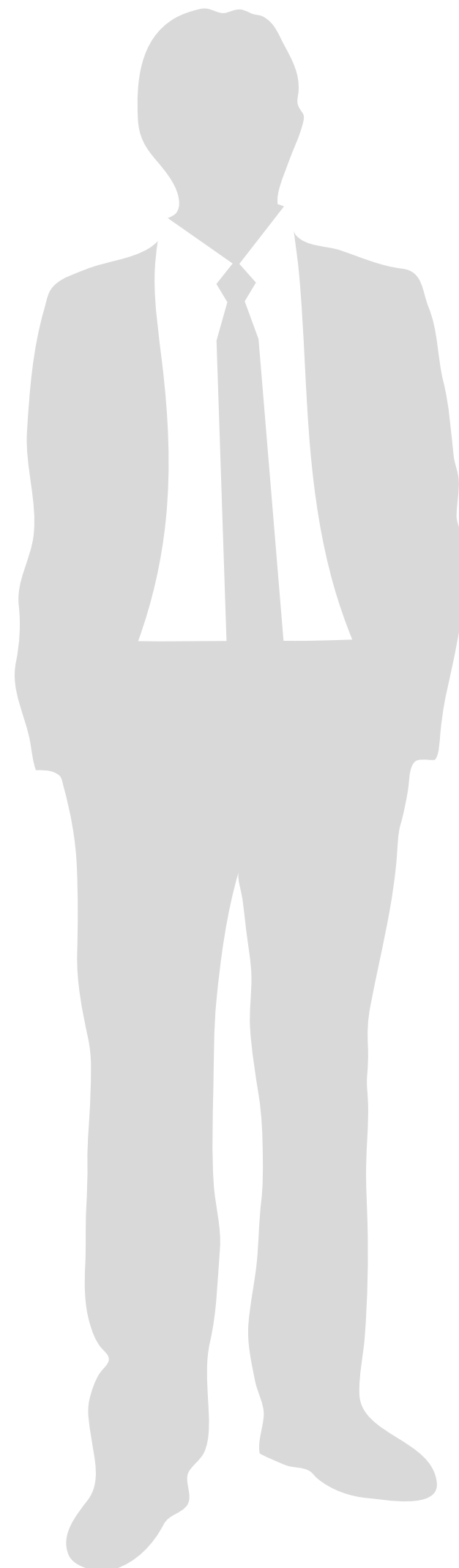
LEAN CERTIFICATIONS

In partnership with Lean Gulf Institute



SPARKERS ONSITE EVALUATION

Gemba Walks & manufacturing audits



1

GAP ANALYSIS

A tool that audits the manufacturing management system of a factory to evaluate the opportunities for improvement and to establish the needed action plan

2

LAYOUT DESIGN FLOW OF MATERIALS & PEOPLE

Revision of the layout of the production floor to make sure that space and operations are optimized. An essential tool for an optimized daily operation.

Studying the flow of materials is needed to secure a safe, practical & efficient movement of goods inside a factory. Evaluating the flow of people through "Spaghetti" diagrams helps in eliminating unnecessary movements made by employees.

3

ORGANIZATIONAL SUPPORT

A good operation in manufacturing requires a clear and good organization of people and tasks. How the tasks are split between the production, quality, maintenance, warehouse, etc. and which type of communication should be adopted.

4

EFFICIENCY DASHBOARD

Establishing a reporting system at the level of the production lines in order to develop an efficiency dashboard showing to management all the downtimes and the OEE (Overall Equipment Efficiency) values

5

MACHINES SUPPORT

Providing support in defining the needs for new machineries or for upgrading existing lines; this includes also lab equipment, pilot plants and the water treatment system.

LEAN APPROACH - PRINCIPLES



LEAN APPROACH – THE 8 WASTES

11

D

DEFECTS

O

OVERPRODUCTION

W

WAITING

N

NON-UTILIZED
TALENT

T

TRANSPORTATION

I

INVENTORY

M

MOTION

E

EXTRA-
PROCESSING

LEAN transformation general roadmap



Pre-launch
Requisites

Conducting “Gemba Walks” in all the facilities

Meeting with Top Management to align on the mission and deadlines

Project’s
Launch

Scope of
Work

Reasons

Objectives

Mission

Building
Capabilities

Assigning a Lean Steering Committee

Training on Lean Basics
• 5 Main Principles – Values of a Lean Company, 7 wastes Identification, OEE

Define Main
Value Streams &
Areas of Focus

Set actions plans by value stream

Highlight Wastes in each area

Identify the Values of the customer

Map The Process

Applying Tools

Standardization

7 wastes
elimination

5S & OEE

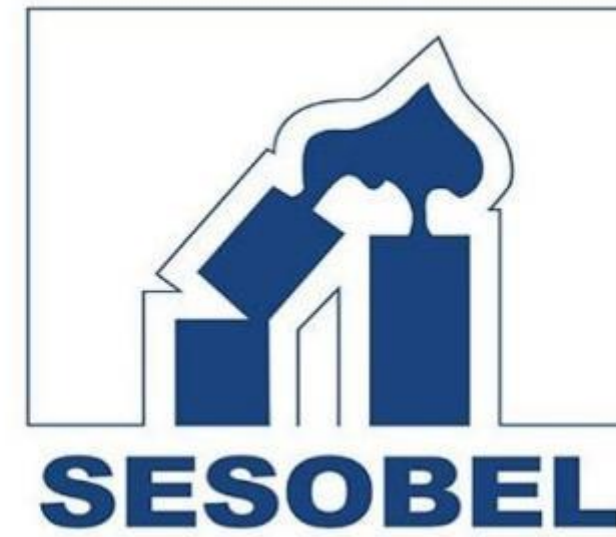
Kaizen

One-Piece Flow

Visual
Management

Coaching, auditing and adjusting paths by Sparkers’ team throughout the whole process

OUR CLIENTS



Joseph B. Amatoury





“For the last exceptional year, the founder of Sparkers, Mr. Dany Elias, has supported our firm in a manufacturing optimisation project and all I can say is that it was nothing but professional & efficient. His experience has helped us to implement different new manufacturing concepts & tools to our system which made it more efficient such as “LEAN manufacturing basics” and “OEE dashboards”. By that, we are closer to our goal of growing internationally and not only nationally. Not to forget Mr. Elias’ amazing workshop where my team and myself had the most efficient, interactive LEAN training where it kept our attention till the end of the day. We LOVED it.”

NADIA MOUKADDEM, Supply Chain Manager, PERLA TISSUES.

Joseph B. Amatoury

“With their excellent knowledge of the industrial sector and hands on approach to lean management, “Sparkers” brought in practical and effective solutions to our daily operations. They helped us devise clear and simple dashboards that improved our interdepartmental communication, allowing us to optimise our manufacturing capacity and raise our productivity. I look forward to future collaboration with them to establish a “lean” culture at all levels of our company.”

HANNA FADDOUL, General Manager, JOSEPH B. AMATOURY, AMATOURY 114.



“With its simplified & adapted approach to lean manufacturing, Sparkers helped us in becoming more efficient in our work - but also in our daily life! It was a great pleasure & experience to work with Sparkers team. Mr. Dany Elias: you are the Best!”

PAMELA DACCACHE, Production Manager, BIOMASS.







Executive Magazine

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"It's now the time for Lebanese industries to work together to sustain, build the system and deliver a more productive management system and product so that we can sustain our export markets." - [Dany elias](#)

Manufacturing Roundtable Discussion - March 30, 2021

Organized by Executive Magazine in partnership with USAID - [Lebanon Enterprise Development Project - LED](#).

Photo Credit: Greg Demarque

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