



# The Lean Principles

## ? What is It

The core foundations for minimizing waste and enhance value, quality, and cost in business operations. The Lean Principles are **5 pillars** to pursue **operational excellence across the business**.

## 🕒 When






- To **Implement a Lean Strategy in the business**.
- The business should reach the **Stabilization** maturity phase before the Lean Strategy is considered viable.

## 🎯 Goals

- **Establish the Lean foundations**.
- Improve the workplace that directly affects **business culture**.
- Lead **operational excellence** at the workplace.

## 📋 How

- Follow the 5 Principles.
- Use a Cultural Change approach.
- Understand and follow the 8 business wastes.
- Reduce the complexity of the Value Stream Map.

PRINCIPLE 1	PRINCIPLE 2	PRINCIPLE 3	PRINCIPLE 4	PRINCIPLE 5
				
<b>Identify Value</b>	<b>Value Stream Mapping</b>	<b>Flow Creation</b>	<b>Establish Pull</b>	<b>Seek Performance</b>
From the customer's perspective	Map the steps of the process	Create a smooth flow	The right amount at the right time	Eliminate of all waste in the value stream

## 🎉 Hints

- ✓ Implement the foundations first (this may take months or even a few years).
- ✓ Lean is a Strategy, lead from the Top and focus on People, Purpose and Processes.
- ✓ Combine Lean with Six Sigma methods.
- ✓ Continuous training is paramount to succeed in a Lean Strategy.

## 🗨️ The Cultural Change

<b>1</b>	Establish a sense of urgency	<ul style="list-style-type: none"> <li>• Examine market and competitive realities</li> <li>• Discuss crises, opportunities</li> </ul>
<b>2</b>	Create a guiding coalition	<ul style="list-style-type: none"> <li>• Putting a group together with power to lead the change</li> <li>• Must work as solid team</li> </ul>
<b>3</b>	Develop Vision and Strategy	<ul style="list-style-type: none"> <li>• Revise or create Lean vision</li> <li>• Develop the strategies</li> </ul>
<b>4</b>	Communicate the change Vision	<ul style="list-style-type: none"> <li>• Use every vehicle available to communicate</li> <li>• Use the team as role model, create curiosity</li> </ul>
<b>5</b>	Empower action	<ul style="list-style-type: none"> <li>• Remove roadblocks, change systems</li> <li>• Encourage ideas, activities and action</li> </ul>
<b>6</b>	Generate Quick Wins	<ul style="list-style-type: none"> <li>• Kaizen, "mini-projects", experiments, always "low-hanging fruit" first</li> <li>• Visibly recognize and reward teams involved</li> </ul>
<b>7</b>	Consolidate gains	<ul style="list-style-type: none"> <li>• Use the Control phase always</li> <li>• Involve the curious people. Create change agents</li> </ul>
<b>8</b>	Anchor change in company culture	<ul style="list-style-type: none"> <li>• Involve leadership level, develop it. Follow the KPI's.</li> <li>• Articulate the connection "before vs now"</li> </ul>

