lionsforge

Opensource
LASER Cutter Project

What I Want to Share?

- The experience of developing professional product for mainstream market with Opensource

- The strategies to venture into manufacturing business for your product

The Big Idea

- Safest CO2 Laser cutter in the market

- Most Compact and Portable system in the market

- Professional performance

- 100% Opensource

The Product

- 40W CO2 LASER Cutter
- 420X300mm Work Area
- Self-contained
- Portable

The Development Overview

**2017
(Personal Project)**

MK1 – MK5 Prototype

Idea and concept validation

**2018
(Professional Development)**

MK6, MK7, MK8, *LRIP

Product Development, Certification and Production

Problem/Solution Fit

Product/Market Fit

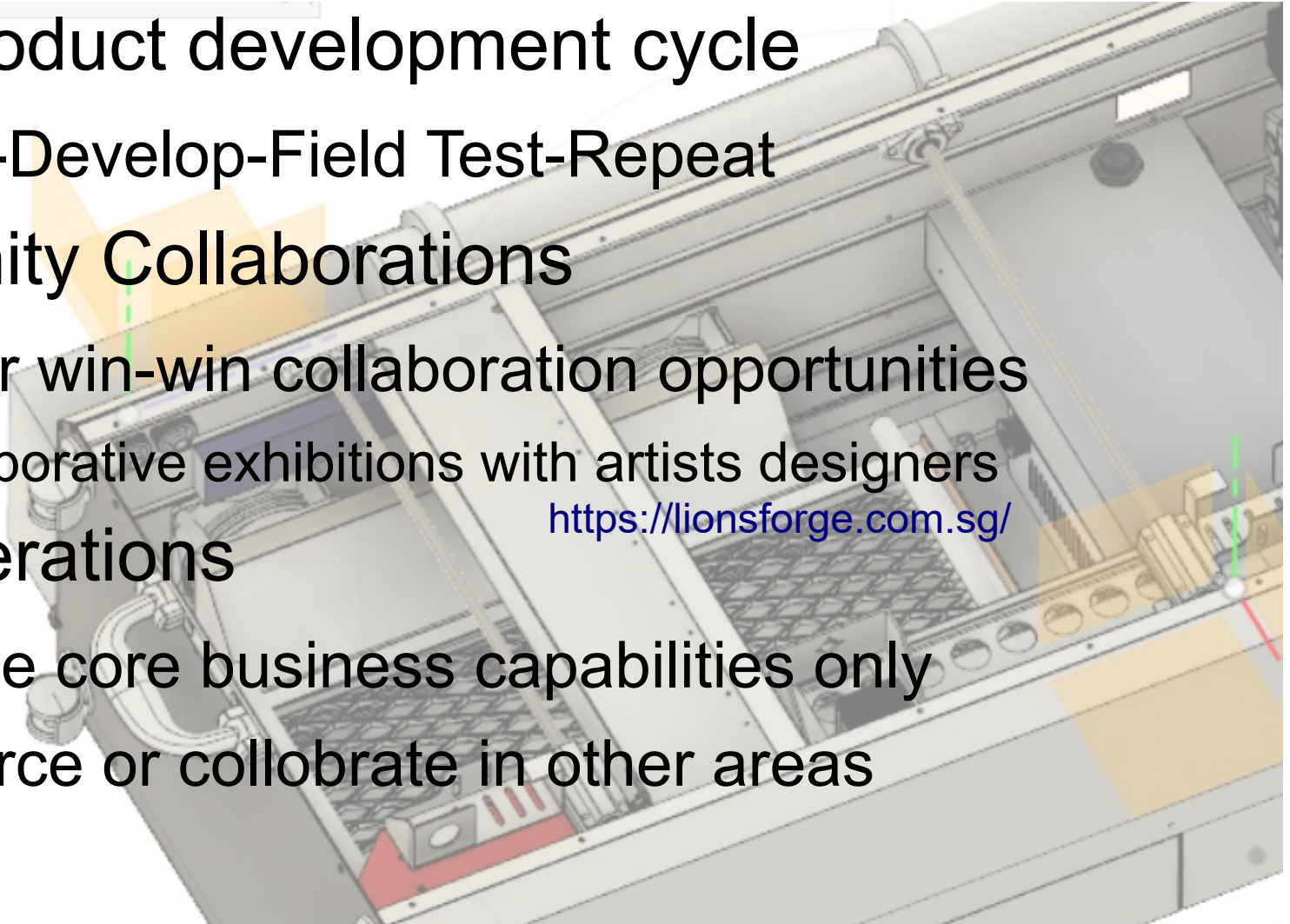PRODUCT | PRICE | PEOPLE | PLACE | PROMOTION
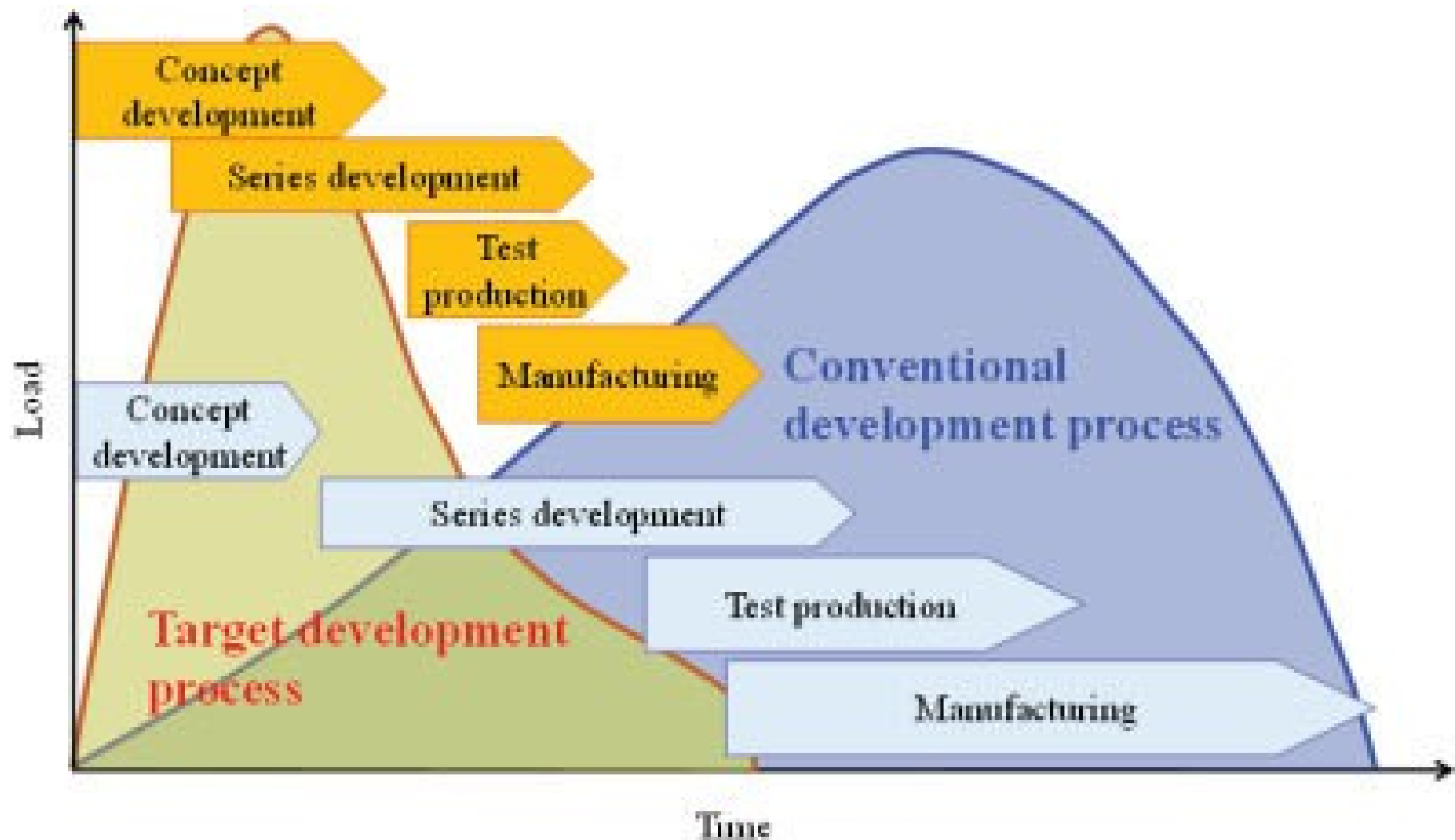
*Low rate initial production (LRIP)

Strategies

- Rapid product development cycle
  - Design-Develop-Field Test-Repeat
- Community Collaborations
  - Look for win-win collaboration opportunities
    - Collaborative exhibitions with artists designers

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- Lean operations
  - In-house core business capabilities only
  - Outsource or collobrate in other areas

Product Development Process

Demonstration