

PRE-NDA SALES PITCH

KEG ONE

One Keg. Multiple Systems.

A modular interface concept designed to decouple reusable stainless-steel kegs from a single connection standard.

Prepared for S+B Systemtechnik
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KEG ONE

One Keg. Multiple Systems.



NON-CONFIDENTIAL

The friction today

Reusable kegs are durable assets, but their connection interface is often tied to one standard.

TODAY



A single keg configuration is bound to a particular fitting / coupling family.

A

S

D

M

Different standards can create parallel keg variants, handling complexity and reduced flexibility across customers or regions.

1

Asset lock-in

A technically sound stainless-steel keg may be less flexible to reuse or redeploy when the required standard changes.

2

Operational fragmentation

Mixed standards can mean more variants, more parts and more coordination across filling, service and logistics.

3

Switching effort

Changing a customer, market or filling setup may require different fittings, keg variants or retrofit work.

4

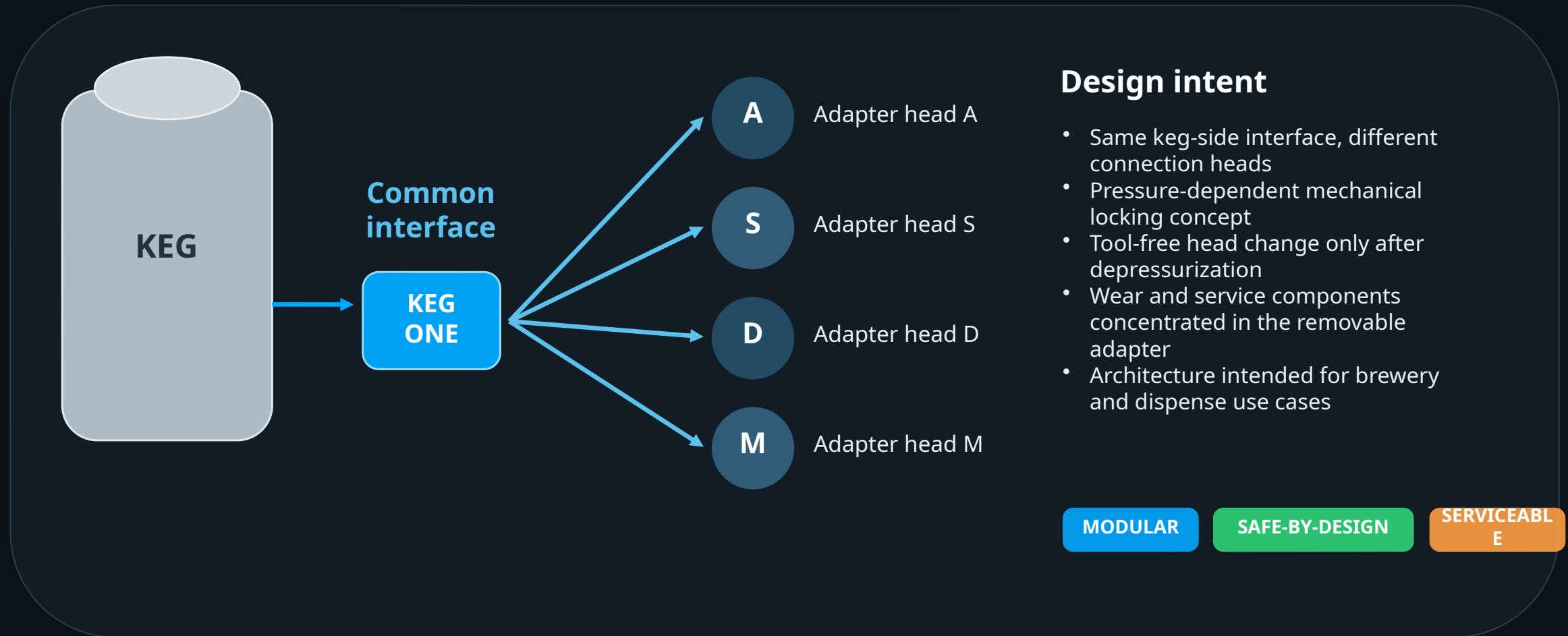
Lost circularity potential

Long-life stainless assets create more value when they can remain useful across changing system requirements.

Design question: can the keg stay the same while the connection standard changes at the interface?

The KEG ONE concept

A common keg-side interface with interchangeable adapter heads.



Non-confidential architecture only. Detailed geometry, dimensions, tolerances and locking mechanism are intentionally excluded before NDA.

Who benefits?

KEG ONE is designed around the economics of long-life reusable assets.

B

Breweries & fillers

Potentially handle multiple keg connection families with a more standardized internal interface and fewer fixed keg variants.

F

Keg fleets & pooling

Improve redeployment flexibility across customers, regions and equipment ecosystems without replacing the entire stainless asset.

S

Service & maintenance

Move wear-prone functional elements into a removable serviceable module instead of embedding all complexity in the keg-side part.

O

OEMs & integrators

A potential platform for modular product families, adapter heads and integration into filling / dispensing equipment.

Core value proposition

Keep the keg. Change the interface.

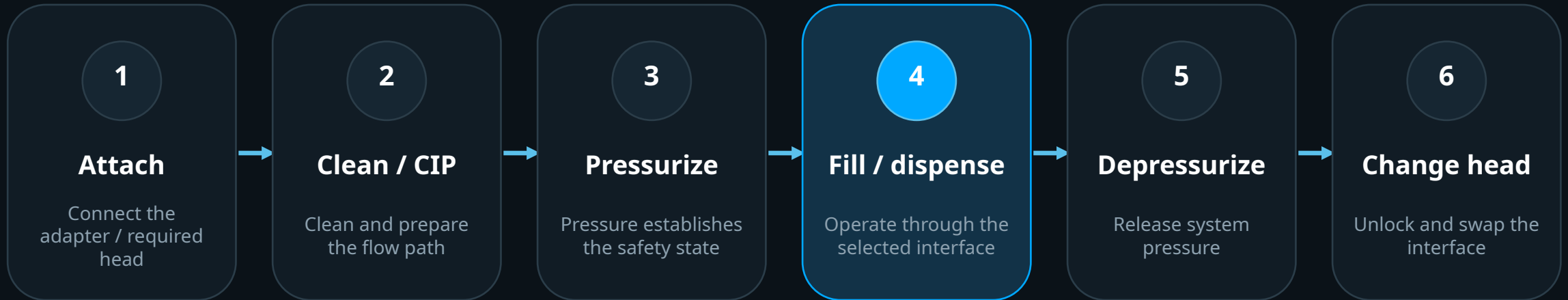
The commercial thesis is not “another keg fitting.” It is a modular layer intended to reduce standard lock-in around a durable stainless-steel asset.

Potential outcomes

- Fewer dedicated keg variants
- Longer useful deployment across changing systems
- More modular service & replacement
- New adapter / interface product family

How it is intended to fit operations

A simplified brewery/filling workflow without disclosing the internal mechanism.



Key safety idea The interface is designed so the removable adapter cannot be released while the keg is under pressure. Head changes are intended only after pressure release.

Concept visuals are illustrative. Technical performance remains subject to prototype and validation testing.

Product and commercial architecture

Two use tracks, one modular platform, with licensing as the preferred scale model.

01 KEG ONE Brewery

For washing, filling and production environments where a common interface could reduce complexity across multiple keg standards.

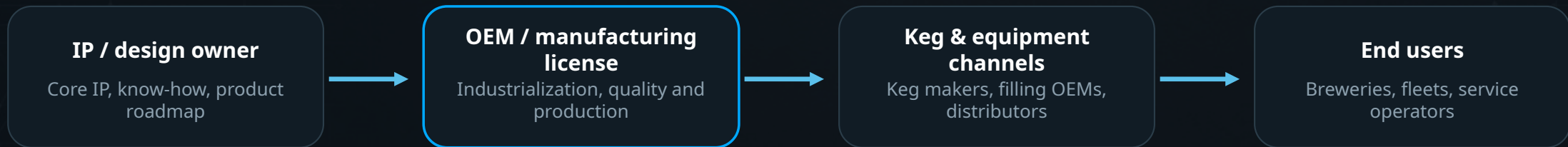
02 KEG ONE Dispense

For downstream dispensing / service scenarios using the same modular principle with application-specific adapter heads.

03 Industrial partner layer

CAD/DFM, precision machining, assembly, validation support and eventual pilot-series capability.

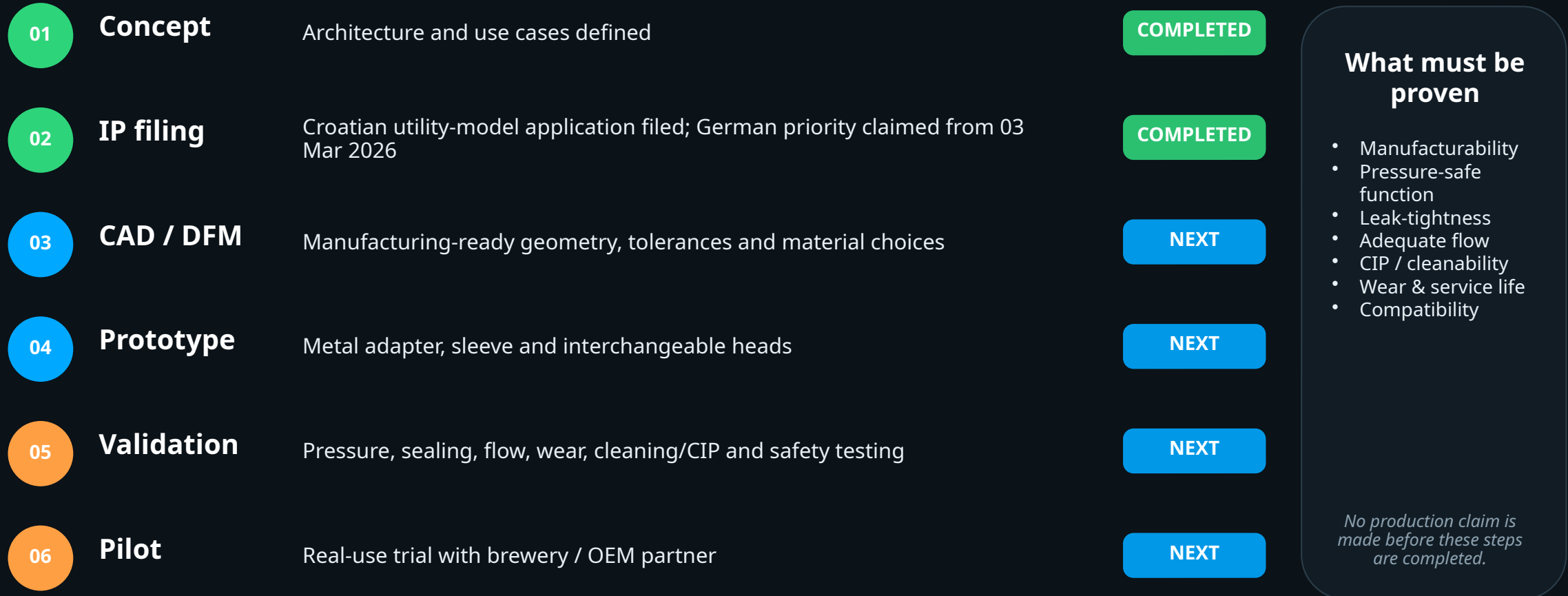
Preferred scale model



The project is intentionally being structured for licensing and industrial partnership rather than building a capital-intensive manufacturing operation from scratch.

Development status & validation path

The concept is defined. The next decisive step is a functional metal prototype.



IP filing status is factual; scope, novelty and enforceability remain subject to professional review.

What we are asking from S+B

A structured review before sharing detailed engineering information under NDA.

1

1. Feasibility review

Is the architecture compatible with practical precision manufacturing and industrial keg environments?

2

2. CAD / DFM scope

Define what is required to convert the current concept into manufacturing-ready drawings and 3D data.

3

3. Prototype quotation

Estimate the cost and lead time for one functional metal prototype plus 2-3 adapter heads.

4

4. Pilot path

Assess whether a later small pilot series could fit S+B capabilities.

Next step after mutual interest

NDA → detailed technical package → engineering discussion → prototype scope & quotation

We are looking for a serious technical partner, not simply a machine shop.

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**Project
page**

indiegogo.com/en/projects/ferruccio-esterer/keg-one