



IDEAS
MADE
REAL

From **idea** to **production.**

PRODUCT DEVELOPMENT
ENGINEERING
SOURCING
INDUSTRIALIZATION
SUPPLY CHAIN

A TRUSTED PARTNER
FOR REAL PRODUCTS
IN A GLOBAL MARKET.

ITALY / TAIWAN



Turning ideas into **real products**.

INCH Engineered Design helps companies turn ideas into real, manufacturable products, combining development, engineering, sourcing, industrialization and supply-chain expertise.

We work with brands and businesses at every stage, from concept to market, providing a practical, efficient and solution-oriented approach. Our goal is simple: to transform good ideas into successful products, built to perform, made to last.



PRACTICAL APPROACH

Real-world solutions, not theoretical design exercises.



EXPERIENCE ACROSS MARKETS

A unique perspective built on years of hands-on experience in Europe and Asia.



FROM CONCEPT TO PRODUCTION

One partner through the entire product journey.



A LONG-TERM PARTNER

We build lasting relationships based on trust, flexibility and results.

DESIGN
ENGINEER
SOURCE
INDUSTRIALIZE
DELIVER

A BRIDGE BETWEEN IDEAS AND OPPORTUNITIES

With operational experience in both Europe and Asia, INCH connects innovation with world-class manufacturing capabilities, helping clients access the right expertise, suppliers and production solutions in a global market.

ITALY

TAIWAN



GLOBAL EXPERTISE.
REAL-WORLD EXECUTION.

Next: Product Development, Design
& Engineering and Sourcing.

Integrated services across the full **product journey.**

INCH supports brands and businesses from early concept through engineering, sourcing, industrialization and production. We can step into a project at any stage, providing practical, solution-oriented support to help turn good ideas into real, successful products.



PRODUCT DEVELOPMENT

Product definition, specifications, feasibility, materials, target cost, concept development, product improvement.



DESIGN & ENGINEERING

Industrial/mechanical design, CAD, engineering, technical drawings, material/process selection, DFM.



SOURCING

Supplier scouting, RFQ, supplier qualification, negotiation, supplier diversification, alternative sourcing and dual sourcing.

DEFINE
ENGINEER
SOURCE

ENGINEERING A STRONGER TOMORROW

Integrated services. Global capability. A trusted partner from concept to production, helping you bring better products to market, faster and more efficiently.

FROM CONCEPT

TO PRODUCTION



IDEAS MOVE FORWARD.
WE MAKE THEM REAL.

Next: Industrialization
and Production.

From prototype to **production-ready solutions.**

Once the concept and sourcing framework are defined, INCH supports prototyping, tooling, validation, production readiness, manufacturing coordination and supply-chain execution.

We bridge the gap between development and market, ensuring a smooth, efficient and reliable path to full-scale production.



INDUSTRIALIZATION

Prototyping, tooling, samples, design validation, production processes, pre-series, production readiness.



PRODUCTION & SUPPLY CHAIN

Production management, supplier management, QC, inspections, packaging, logistics, inventory/supply planning, cost optimization.

INDUSTRIALIZE
VALIDATE
DELIVER

A STRONGER SUPPLY CHAIN FOR A BRIGHTER TOMORROW

Related capabilities include supplier diversification, quality control, packaging, logistics, cost optimization and ongoing production follow-up, ensuring reliability, flexibility and long-term value.



BUILT AROUND YOUR PROJECT.
FOCUSED ON REAL RESULTS.

Next: How we work, the process
to to production and delivery.

A clear process. Real results.

We manage the entire product development journey, from the first idea to full-scale production, with a practical, flexible and solution-oriented approach.

Our process is designed to reduce risk, save time and turn opportunities into successful, manufacturable products.

CONCEPT
DEVELOP
SOURCE
INDUSTRIALIZE
PRODUCE
DELIVER

THE PROCESS

FLEXIBLE ENTRY POINT.
TAILORED TO YOUR NEEDS.



01 IDEA & OPPORTUNITY



Understand needs
Market analysis
Product vision
Feasibility assessment

02 DEFINITION & PLANNING



Product requirements
Target cost
Materials & processes
Project roadmap

03 DESIGN & ENGINEERING



Industrial design
3D CAD
Technical drawings
DFM & optimization

04 SOURCING



Supplier scouting
RFQ & negotiation
Supplier qualification
Dual sourcing
Cost optimization

05 PROTOTYPE & VALIDATION



Prototyping
Samples
Testing & validation
Design refinement
Pre-series

06 INDUSTRIALIZATION



Tooling
Production processes
Quality planning
QC & inspections
Production readiness

07 PRODUCTION & DELIVERY



Production management
Packaging
Logistics
Inventory planning
Ongoing support

WE ADAPT TO YOUR PROJECT

INCH can support the full process or join at any stage, depending on your needs. Whether you need help with engineering, supplier development or production management, we integrate seamlessly with your team.



FLEXIBLE ENGAGEMENT

From single tasks
to full project
management.



RISK REDUCTION

Proven suppliers,
technical validation
and quality control.



FASTER TIME TO MARKET

A streamlined process
to turn ideas into
products, faster.



BETTER RESULTS

Efficient development,
optimized costs
and manufacturable
designs.



ONE PARTNER.
EVERY STAGE.

Next: Industries.

Cross-sector expertise. Real products.

INCH works across multiple product categories and manufacturing processes, supporting companies from idea to production with practical product-development, engineering, sourcing and industrialization know-how.

Our experience spans Europe and Asia, and our skills transfer across sectors, materials and supply chains – helping good ideas become successful, manufacturable products, wherever they're made.



CYCLING & MOBILITY

Road, gravel, MTB, e-bikes, technical components and mobility solutions.

SPORTS, FITNESS & PERFORMANCE

Equipment and performance products for sport, strength and active use.

INDUSTRIAL COMPONENTS

Precision components, custom mechanical parts and engineered assemblies.

CONSUMER PRODUCTS

Lighting, lifestyle and everyday-use products with attention to function and production.

OEM / PRIVATE LABEL DEVELOPMENT

Tailored product programs for brands, distributors and private-label clients.



THINK IT.
WE MAKE IT.

Next: About INCH Engineered Design.

A different perspective. A broader horizon.

INCH was founded in Taichung on 30 January 2015 with a clear goal: to bridge great ideas with real manufacturing capabilities in Asia.

Founded by Andrea Invernizzi, a mechanical engineer with a background in product development at Deda Elementi and Dedacciai, and Marco Viappiani, with experience in digital strategy, analytics and online business at Google (Dublin), INCH combines engineering, sourcing and industrialization know-how to bring ideas to market.

Over the past 10+ years, we have worked with 50+ suppliers across Asia and Europe — from Taiwan to China, Vietnam and Cambodia, as well as Poland, Bulgaria and Portugal — serving clients in Europe, the United States, Canada, Central America and South America.


30.01.2015

ESTABLISHED
IN TAICHUNG


10+

YEARS OF
EXPERIENCE


50+

SUPPLIERS
ACROSS ASIA
AND EUROPE


**GLOBAL
REACH**

EUROPE, UNITED STATES,
CANADA, CENTRAL
AMERICA, SOUTH AMERICA

COMPLEMENTARY PERSPECTIVES.

A STRONGER APPROACH.

INCH brings together two complementary backgrounds: engineering and manufacturing expertise with a deep understanding of digital strategy and data-driven business.

This combination gives us a broader perspective than a traditional design studio or a sourcing agent, allowing us to evaluate opportunities from both the technical and commercial side, reduce risks and create practical, scalable solutions.



ANDREA INVERNIZZI

Mechanical engineer with years of experience in product development and R&D at Deda Elementi and Dedacciai. Deep knowledge of materials, manufacturing processes and the cycling industry, applied to a wide range of product categories.



MARCO VIAPPANI

Background in digital strategy, web analytics and online business at Google (Dublin). Expertise in data analysis, market insights and product positioning, bringing a strategic and commercial perspective to product development and global growth.



A GLOBAL MINDSET
FOR REAL OPPORTUNITIES.

Next: Contacts.



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Italy | Taiwan

From **idea**
to **production.**

