

COLIVINGLIGURIA

Benefit Company pathway in progress; innovative-startup
SIAVS registration requested
Strada Chiappella, 21, 17014 Cairo Montenotte (SV), Italy
P.IVA 01939660096 • REA SV - 248967
colivingliguria@pec.it • colivingliguria@gmail.com



Internship Project Proposal

Luna Industrial Design, Deployment,
and Productisation Internship —
Inte-015
Issuer: ColivingLiguria S.r.l.
Inte-015

This Intel form presents an internship project in a compact academic format. It is a project proposal and operational plan: it does not create employment, does not replace a student-specific ConI internship agreement, and does not activate the internship without the required university/promoting-entity paperwork and insurance confirmation.

Project Identification

Form code	Inte-015
Project code	LU-IDP / Inte-015
Project title	Luna Industrial Design and Productisation: Portable and Fixed-Site Systems, Deployment, and Service Readiness
Track / area	Curricular internship / industrial design, product architecture, deployment, and service design / Industrial and product design, design engineering, mechanical and mechatronic engineering, interaction design, service design, manufacturing, logistics, maintenance, IoT, and responsible market validation
Host entity	ColivingLiguria S.r.l. (Benefit Company and SIAVS pathways in progress)
Supervisor	Simone Testino
Location	Hybrid: remote design and documentation, supervised prototype work at the Cairo Montenotte project base, and future site observations only after property, safety, privacy, and operational permissions are confirmed
Mode	Hybrid; CAD, service design, documentation, and Home Assistant interface work may be remote, while mock-ups, assembly studies, transport trials, and site interfaces require supervised on-site sessions
Source documents	Luna product and market pages, engineering models, laboratory brief, prototype and production records, Home Assistant requirements, PF-LU-001, LE-LU-001, ConI, and Attachment G

Student Identification

Candidate	Candidate to be identified
University	Promoting university to be identified
Programme	Industrial or product design, design engineering, mechanical, mechatronic, manufacturing or management engineering, interaction design, service design, IoT, logistics, or equivalent
Academic level	Minimum: final-year Bachelor student with a strong technical portfolio; preferred: Master student or thesis-level intern experienced in CAD, physical prototyping, product-service systems, or human-centred engineering
Student email	To be defined
Academic tutor	To be defined by the promoting university
Insurance / activation	Internship cannot start until IN-AIL/RC or equivalent accident and civil-liability coverage is confirmed by the promoting entity
Language	English B2 minimum; Italian useful for suppliers and local testing
Status	Open internship proposal

Quantitative Internship Data

Start window	Open after scope alignment and university/promoting-entity approval; physical prototype and site activities start only after their technical, legal, safety, and property gates are approved
Indicative duration	10–12 weeks standard track; extendable to 3–6 months for thesis, modeling, or prototype work
Expected workload	Approx. 25–30 hours/week
Total expected hours	300 hours
University credits	12 ECTS / CFU equivalent
Credit calculation note	Calculated at 25 hours per ECTS. The final credit value remains subject to the promoting university's rules.
Form date	18 July 2026

Objective

Define decision-ready product and service architectures for Luna's transportable and fixed-site paths without exposing protected know-how or presenting unvalidated performance as market-ready. The work integrates user and operator needs, deployment sequence, transport and storage, assembly, maintenance, human factors, fixed-site Home Assistant interoperability, manufacturability, service evidence, and responsible pilot design for construction, events, and ColivingLiguria's own outdoor spaces.

ConI, Eligibility, and Responsibilities

Standard Luna Intel proposals are intended for students actively enrolled, at the moment of application and activation, in a European university or equivalent recognised higher-education institution. Strong non-standard candidates require separate legal review before acceptance.

Every candidate must read the current ConI Internship Agreement before submitting a final application. ConI governs responsibilities, insurance, academic activation, confidentiality, intellectual-property access, and the distinction between an educational internship and employment.

Minimum Candidate Profile

The candidate must translate technical constraints into usable, maintainable, and producible systems while preserving safety, regulatory, property, accessibility, and evidence boundaries. Minimum requirements include CAD or product-architecture capability, prototyping discipline, clear visual documentation, and user-centred reasoning. Preferred skills include design for assembly and service, packaging and logistics, mechatronic interfaces, Home Assistant or open home-automation systems, UI flows, maintenance planning, life-cycle design, supplier communication, field research, and product-service business models.

Work Plan

The internship work plan must allocate all expected hours to concrete phases and must match the ECTS/CFU value declared in the quantitative data block.

Phase	Activities	Hours
1	Review Luna product variants, engineering and regulatory constraints, laboratory and market evidence, protected know-how boundaries, and the selected productisation question.	35
2	Map user, operator, maintainer, installer, owner, and authority journeys for portable and fixed-site paths; define requirements, failure points, and evidence gaps.	45
3	Develop product architecture, CAD concepts, interface control, transport and storage, deployment, anchoring interface, assembly, service, repair, and end-of-life concepts.	70
4	Design fixed-site control and Home Assistant interoperability concepts, operator states, alerts, manual overrides, data boundaries, maintenance views, and conservative fail-safe interactions.	60
5	Build approved mock-ups or digital prototypes, evaluate usability and deployment sequence, prepare manufacturing and service evidence, and design a responsible pilot-feedback protocol without sales promises.	60
6	Deliver the coordinated productisation dossier, final report, portfolio-ready public extract, presentation, and handover session.	30

Deliverables and Evaluation

Portable and fixed-site user and operator journeys; product requirements; product and service architecture; interface-control drawings; CAD concepts and approved mock-ups; transport, storage, deployment, assembly, inspection, maintenance, repair, and end-of-life flows; Home Assistant interoperability concept and state model; data and privacy boundary; bill-of-materials and supplier evidence structure; design-for-manufacture and service review; responsible pilot and feedback protocol; protected/public evidence split; final report; and presentation.

Operational Boundaries

The internship does not claim that Luna is certified, authorised, commercially available, compatible with Home Assistant, safe for unattended operation, or suitable for a particular site until the relevant evidence exists. No structural, electrical, work-at-height, pressurised, helium, anchoring, public-event, or outdoor aerostatic activity is performed autonomously. A mock-up or user test is not an operational approval or market validation. Prices, grants, suppliers, property availability, customer interest, sales, rentals, and deployment dates remain conditional unless supported by approved evidence. Confidential geometries, calculations, source code, manufacturing details, and intellectual-property decisions remain subject to Attachment G.

Future Collaboration Path

A successful Luna internship may lead to later thesis supervision, prototype collaboration, paid professional collaboration, startup work, or funding-search support through Commenda, where legally and academically compatible.

PDF Attachment Register

Ref.	Code	PDF attachment
A	PF-LU-001	Luna environmental and ESG impact report PDF.
B	LE-LU-001	ENAC inquiry / regulatory communication PDF.
C	ConI	Current Internship Agreement, mandatory candidate reading.
D	Attachment G	Confidentiality and digital-access framework.

For ColivingLiguria S.r.l.

Unsigned project proposal prepared by the host entity; this PDF does not evidence a CAdES/P7M signature

ColivingLiguria S.r.l.

VAT/Tax Code: 01939660096 Sole Director: Simone Testino

PEC: colivingliguria@pec.it