

# NetEdison™ Ecosystem

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Building the Global Infrastructure for Open Energy Routing

Six Interdependent Business Pillars · Investor Overview

NetEdison IP Holdings GmbH organizes the EnergyNet commercialization ecosystem into six interdependent business pillars. National licensees deploy the brand; sector operators create the revenue base; hardware and software companies build the infrastructure; education programs build the workforce; and the Swiss IP holding entity captures licensing value globally.

I

## National ESP Licenses

One exclusive licensee per country · 30+ priority markets

II

## Sector & Vertical Operators

Business parks, housing, campus, SEZ, data centers

III

## Hardware & Infrastructure

Energy Routers, Freedom Cable, DC backplane, submeters

IV

## Software & Digital Services

EROS, EP stack, ELAN OS, billing, analytics, registry

V

## Education & Certification

NCEE program, training centers, university partnerships

VI

## IP Holdings & Governance

Swiss GmbH, trademark licensing, DTT network

## THE MODEL

NetEdison grants one exclusive national brand license per country per domain. The licensee earns the right to operate as NetEdison [Country] — the branded electric service provider for that market — and to certify products and experts under the NetEdison™ trademark.

## EARLY TRACTION

USA — Oregon: Freedom Cable clearance confirmed (HB 2065/2066, 2025). First US demonstrator market.

India — Guneet Banga / Parinama: active licensing discussions. Target: housing societies, SEZ, GIFT City.

## REVENUE (ESP LICENSING)

**\$12M Y1 → \$102M Y7**

## 30+ Priority Markets

### Asia-Pacific

India · China · Japan · South Korea · Vietnam · Indonesia · Philippines · Australia

### Europe

Germany · UK · France · Sweden · Netherlands · Spain · Italy · Poland · Norway · Denmark

### Americas & Africa

USA · Canada · Brazil · Mexico · Argentina · South Africa · Kenya · Nigeria · UAE · Saudi Arabia

Sector operators are licensed entities that deploy EnergyNet infrastructure within a specific building type or industry vertical. They operate under the national ESP license and pay royalties to the national licensee, which flows back to NetEdison IP Holdings.

01. Business Parks & Industrial Zones

02. Residential — Housing Societies & HOAs

03. University & School Campuses

04. Hospitals & Healthcare Campuses

05. Government & Military Facilities

06. Special Economic Zones (GIFT City, Dholera, Free Zones)

07. Data Centers & Server Farms

08. Retail Parks & Shopping Centers

09. Hospitality — Hotels & Resorts

10. Port & Logistics Hubs

11. Agricultural Microgrids & Irrigation

12. Municipal & Public Infrastructure

Hardware manufacturers earn the right to produce and sell NetEdison-certified devices under the open Energy Protocol (EP). Certification is issued by the national NCEE program. The underlying EP standard is open — NetEdison™ is the brand mark that signals compliance and quality.

**Energy Router** — NetEdison-certified AC/DC routing hub; the core device

**Freedom Cable** — Inter-building DC connection; requires regulatory clearance (Oregon: live)

**DC Backplane** — Internal building DC bus enabling device interoperability

**Smart Submeters** — Per-tenant interval energy metering (Digi, Electro Industries Shark)

**BESS Interface Module** — Battery system integration kit (compatible with Stem, Tesla, etc.)

**Solar Coupling Hardware** — PV and inverter interface for EnergyNet nodes

**EV Charging Interface** — Vehicle-to-grid integration at the ELAN level

**Monitoring & Control Nodes** — Physical data acquisition and relay hardware

Software companies implement the open Energy Protocol (EP) and EROS stack. These are open-source layers — freely implementable by anyone. NetEdison-certified software earns the trademark badge and can be distributed through the national licensee network.

**EROS** — Energy Router Operating System: core routing firmware

**EP Stack** — Energy Protocol implementation library (open source)

**ELAN Management OS** — Building energy network operating software

**EWAN Coordinator** — District-level network coordination platform

**NetEdison Registry** — Global operator and device registry  
([netedison.com/registry](https://netedison.com/registry))

**Tenant Billing System** — Sub-metering interval data → billing automation

**Analytics Dashboard** — Real-time consumption, generation & demand analytics

**Grid Integration API** — Utility interconnection and tariff management

**VPP Aggregation Platform** — Virtual power plant dispatch coordination

**Market Participation Tools** — Energy market bidding and settlement software

The NetEdison Certified Energy Expert (NCEE) program is the workforce credential for the EnergyNet economy. One regional training center per country supports the national licensee. Certification is required for all hardware installation, system design, and ELAN operation.

# NCEE

NetEdison Certified Energy Expert — required for all installations

**NCEE Certification Program** — The core credential; written, practical and digital components

**Regional Training Centers** — Physical facilities per country (co-located with national licensee)

**Online Learning Platform** — Digital coursework and NCEE exam delivery

**University Partnerships** — Joint curricula in energy systems engineering

**Contractor Certification** — Electrical contractor pathway into NCEE

**Design Consultancy** — Energy Router system design services for ESPs and sector operators

**Technical Documentation Hub** — Standards manuals, EP spec, EROS docs

**Continuing Professional Development** — Ongoing CPD for certified experts

# Pillar VI — IP Holdings & Governance

## The Foundation Layer

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### The Swiss Advantage

- 8.5–12% effective tax rate on qualifying IP income
- 90% reduction of qualifying IP tax base (Swiss IP Box)
- 100+ double-tax treaties (DTTs) covering all priority markets
- EU royalty withholding: 0% • US: 0–5%
- Single holding entity captures royalties from all 6 pillars globally

### The 8 Governance Units

1. **NetEdison IP Holdings GmbH** — Zug, Switzerland: trademark owner, royalty collector
2. **NetEdison™ Trademark Portfolio** — Registered marks, netedison.com, netedison.ai
3. **Swiss IP Box Structure** — Tax-efficient royalty income framework
4. **Open Doors Management** — US operating entity (Lane Sharman, Solana Beach CA)
5. **ViaEuropa Sverige AB** — Technical foundation; EnergyNet Task Force, Lund, Sweden
6. **Country SPV Framework** — Legal entity templates for national licensees
7. **Standards Liaison** — EnergyNet open protocol stewardship (EP, EROS)
8. **DTT Network** — Tax treaty coverage for all priority markets

# How the Six Pillars Reinforce Each Other

Each pillar is both a client and a supplier of the others. This interdependency creates compounding network effects: more certified experts attract more hardware manufacturers; more hardware manufacturers attract more national licensees; more licensees attract more sector operators — all generating royalties that flow to NetEdison IP Holdings.

## NATIONAL LICENSEES need:

IP Holdings for brand rights

Education to staff NCEE experts

Hardware to equip deployments

Software to operate the network

## SECTOR OPERATORS need:

National licensees for brand access

Hardware for physical infrastructure

Software for billing and analytics

Education for certified operators

## HARDWARE & SOFTWARE need:

Education for certified installers

National licensees for distribution

IP Holdings for certification rights

Sector operators for deployment volume

# Investment Entry Points

NetEdison IP Holdings GmbH — Zug, Switzerland

## National License

Acquire the exclusive NetEdison™ brand license for your country. One per country per domain.

## Anchor LP — India

Co-invest with Parinama (Guneet Banga) in NetEdison India affiliate. Target: housing societies, SEZ, GIFT City.

## Sector Operator SPV

Fund a specific vertical (e.g., NetEdison Business Parks) with a co-investment from the national licensee.

## Hardware / Software OEM

Manufacture or develop NetEdison-certified products under the open EP standard.