

WHITE-LABEL PLATFORM FOR HOTELS AND RESORTS

# Longevity Resort

An AI assistant that transforms an operational spa hotel into a longevity resort: reads biometrics from the guest's Garmin watch and sells the hotel's own services — programmes, treatments, nutrition, and routes.

Live product

Reference hotel in Karlovy Vary

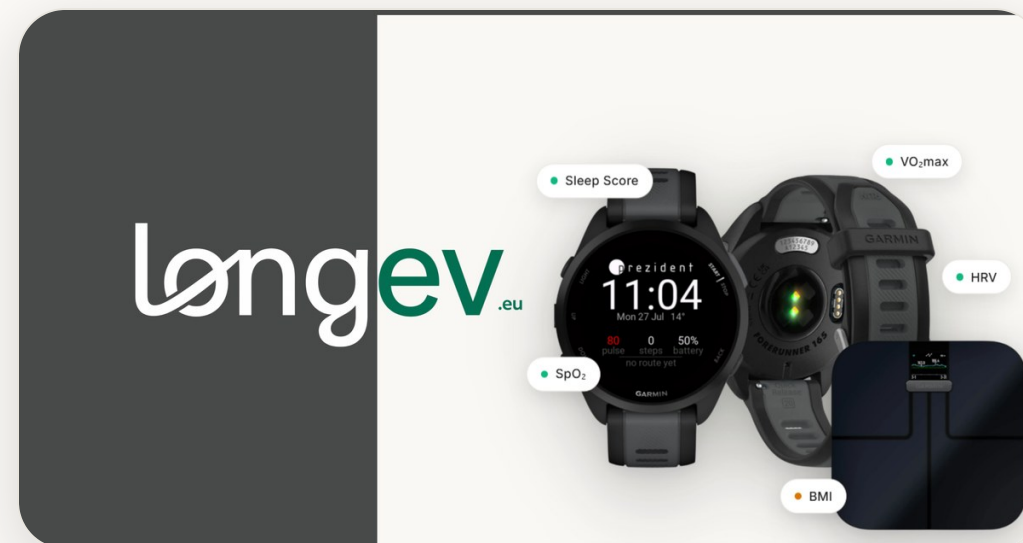
36 languages

SaaS · EUR

V. Danyuk · danyuk@longev.eu

+49 151 1001 6652 · +380 63 117 1785 — WhatsApp · Viber · Telegram

longev.eu · demo: demo.longev.eu



Guest kit: Garmin Forerunner 165 Music watch and Index S2 scale — data streams into the hotel portal

# Longevity infrastructure is already built — the layer that sells it is missing

## 98 %

of modern spa hotels already have everything needed for longevity programmes: treatment rooms, a spa complex, a restaurant, and leisure infrastructure

No new walls, doctors, or equipment required — what is needed is a software layer over existing assets.

## 0 data

guests' wearables — sleep, heart rate, HRV, stress — currently play zero role in hotel treatment plans and sales

The guest wears a complete medical history on their wrist, while the resort schedules treatments blindly.

## 2 roles

doctor and front desk are overwhelmed: manual personalisation for every guest is economically unfeasible

As a result, “longevity” in hotels remains just a buzzword in a brochure, rather than a manageable programme with measurable outcomes.

**Opportunity:** A longevity clinic takes millions of euros and years to build — a spa hotel can be converted into a longevity resort via a software layer, with zero CapEx. Longev provides precisely this layer: white-label, under the hotel's own brand, breaking even with the first 5–10 guests per month.

# The wellness economy is growing faster than global GDP — longevity is its fastest segment

**\$6.8 T**

global wellness economy in 2024; projected to reach \$9.8T by 2029 (Global Wellness Institute, 2025)

**\$830 B**

wellness tourism in 2023; over \$1T by 2028, growing at over 10% annually — the fastest across all segments (GWI)

**\$9.55 B**

longevity clinic market by 2030, CAGR 12.2% (Research and Markets, 2026)

**58%**

of respondents are willing to visit preventive medicine and healthy longevity clinics — interest has grown by 40% since 2021 (NUS survey)

## Where Longev fits in

There is a gap between these markets: clinics are expensive and scarce, while apps are detached from the physical point of service. Longev monetizes existing room inventory and treatment facilities: every European spa hotel becomes a potential longevity resort with zero CapEx. The initial launch market is resort Europe (Karlovy Vary is part of the UNESCO World Heritage Site “The Great Spa Towns of Europe”), followed by DACH, the Baltics, and the Middle East.

## Bottom-up market model

Europe alone has thousands of spa and medical-wellness hotels. Each connected property generates €800/month subscription plus €8 per active guest: with 100 hotels, this yields approximately €1.5–2M in annual recurring revenue (illustrative calculation based on 60–100 active guests per hotel per month).

Sources: Global Wellness Institute, “The Global Wellness Economy Hits a Record \$6.8 Trillion” (2025) and “Wellness Economy to Reach \$1 Trillion in Wellness Tourism by 2028”; Research and Markets, Longevity Clinic Market Report (2026); National University of Singapore (NUS) survey on healthy longevity clinics.

# The watch measures the exact biomarkers that empirically predict mortality

**Genes matter less than commonly thought.** Classical twin studies attribute ~20–25% of lifespan heritability to genetics (Herskind et al., 2,872 pairs of Danish twins), while an analysis of 400M pedigrees indicates less than 10% (Ruby et al., Genetics, 2018).

The remainder is lifestyle and environment: sleep, physical activity, stress, and nutrition. This is the **actionable** component — precisely what a resort programme targets. The platform closes the loop: measurement → prescription → tracking outcomes on the same devices.

Each of the platform’s 10 programmes is built around these biomarkers: targets are quantified (steps, heart rate zone, HRV status, body composition), allowing guests to see tangible “before and after” results based on their own stay data.

| BIOMARKER (MEASURED BY WATCH/SCALE) | EMPIRICAL EFFECT                                                                                           | SOURCE                                    |
|-------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Daily step count                    | top quartile exhibits 40–53% lower risk of all-cause mortality (meta-analysis, 15 cohorts, 47,471 adults)  | Paluch et al., Lancet Public Health, 2022 |
| VO2max (aerobic fitness)            | +1 MET in cardiorespiratory fitness → –13% all-cause mortality (meta-analysis, 102,980 individuals)        | Kodama et al., JAMA, 2009                 |
| Resting heart rate                  | every +10 bpm → +9% risk of all-cause mortality (46 studies, 1.25M individuals)                            | Zhang et al., CMAJ, 2016                  |
| Sleep (duration and stages)         | short sleep is associated with a +12% increase in mortality (meta-analysis, 16 studies, 1.38M individuals) | Cappuccio et al., Sleep, 2010             |
| HRV (heart rate variability)        | low HRV is an independent predictor of cardiovascular events (Framingham cohort)                           | Tsuji et al., Circulation, 1996           |
| Sauna protocols (in programmes)     | 4–7 sessions per week vs. 1 → –40% all-cause mortality (2,315 men, 20.7 years of follow-up)                | Laukkanen et al., JAMA Intern Med, 2015   |

# Karlovy Vary medical school encoded into platform algorithms

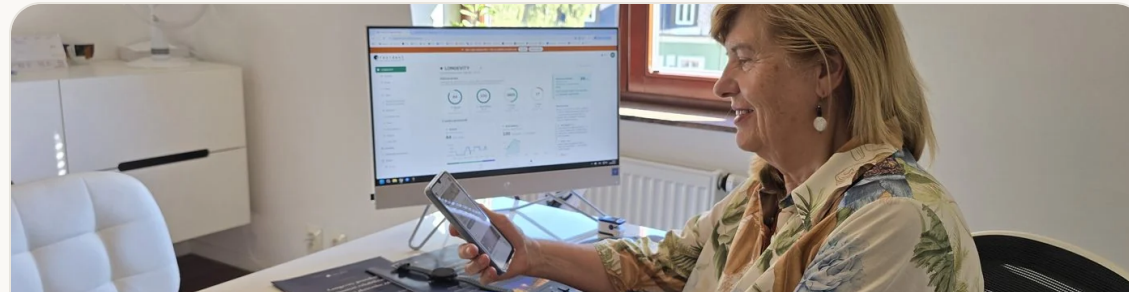
Consumer smartwatch physiology knows neither age, nor medications, nor the balneological reaction of day three of a drinking cure — which is why the programmes were designed by physicians, not programmers.



## Assoc. Prof. Petr Kolisko — physiotherapy and kinesiology

Assoc. Prof. PaedDr. Petr Kolisko, Ph.D. is a leading Czech specialist in physiotherapy, kinesiology, and medical rehabilitation; a pioneer of kinesio taping in the Czech Republic and Central Europe (certified KTAI instructor), lecturer including at Charles University in Prague, and author of monographs on movement biomechanics.

**Defines movement dosing in the platform:** permissible load in muscular imbalance, volume progression after injuries and surgeries, and the threshold where a walk becomes an overload.



## MUDr. Milada Sarova — balneology and internal medicine

One of the leading authorities in spa medicine, mineral water treatments, and Karlovy Vary drinking cures; lectured on Karlovy Vary balneology in more than 20 countries. Over decades of practice, she treated Vaclav Havel, Mikhail Gorbachev, Gerard Depardieu, and Ben Kingsley.

**Defines the treatment course in the platform:** indications and contraindications for each of the 139 treatments, daily procedure sequencing, and the drinking cure regimen — spring source, temperature, volume, and intake schedule.

**Protocols are built at the intersection of two schools:** balneology determines what to treat with and in what sequence; physiotherapy defines movement volume. On top of this runs a 0–100 readiness algorithm: each morning it recalculates a safe load volume based on the guest's sleep, HRV, stress, and Body Battery. Every prescription is confirmed by the resort physician.

# Algorithmic foundation: a deterministic clinical engine, not a black box

## Every recommendation passes four stages

- 1 derived from a **named threshold** — no hidden weights
- 2 compares the guest **against their own stay baseline**, not a “population norm”
- 3 **explainable in a single sentence** — “nightly HRV 38 ms is 21% below your baseline 48”
- 4 **signed off by a physician** — auto-assignment exists only as a draft

**Deliberate engineering decision.** In medical environments, explainability is a clinical requirement, while opaque health recommendations fall into the high-risk category under the EU AI Act. A deterministic core eliminates regulatory risk before it arises.

## Trainable components are activated only via numerical validation

The platform continuously measures its own forecast error for each biomarker — walk-forward MAE against a naive baseline: morning forecasts are built strictly on prior days, making look-ahead bias impossible by design. A model enters production only when it consistently beats the baseline on the resort’s data. The quality benchmark table is embedded in the dashboard and open for technical audit.

| MODEL               | PREDICTION METHOD                                                | PURPOSE IN TABLE                                                             |
|---------------------|------------------------------------------------------------------|------------------------------------------------------------------------------|
| “Same as yesterday” | tomorrow will be the same number as today                        | naive baseline: any model that fails to beat it cannot be considered a model |
| “Personal baseline” | guest stay average — the same value printed on the morning sheet | shows the value of personalization itself                                    |
| “Baseline + load”   | personal baseline adjusted for yesterday’s overload              | first trainable component — its contribution is visible separately           |

# Four modules — one portal for the guest, doctor, and front desk, under the hotel brand

## Ready Score

### Guest wellness dashboard

AI aggregates 25 device metrics — sleep and stages, HRV, resting heart rate, stress, Body Battery, SpO<sub>2</sub>, body composition — into a readiness index and status card, recommending services specific to this hotel: saunas, cryosauna, massages, detox.

## 100% offline

### Wellness routes

Terrain cure trails across the grounds and surroundings with voice guidance and heart-rate zone tracking — running on the guest's phone without 4G or Wi-Fi, keeping the workload within the prescribed corridor.

## Wow effect

### AI nutrition

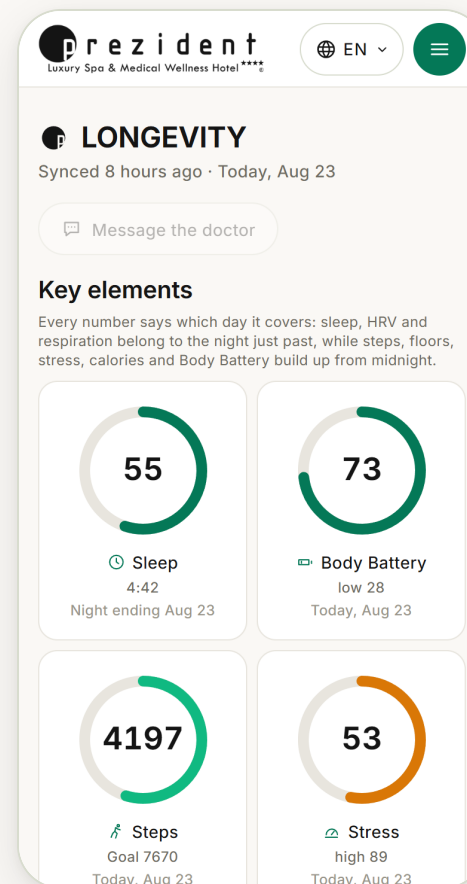
Calories and macros from a single photo of a meal; matching with the hotel restaurant menu and diet recommendations tailored to the guest's current state and recovery goals.

## Schedule

### Treatments and drinking cure

Hourly schedule for treatments and drinking cure with reminders, resort event calendar, hotel announcements, and a button to share results on social media.

**Plus staff panel:** front desk, doctor, and administrator — each with a dedicated role: check-ins, morning rounds with an A4 sheet per guest, prescriptions, watch inventory, and active guest billing. The guest installs no apps — only a browser and a QR code at check-in.



Guest portal under the hotel brand

# Closed loop: measurement → prescription → upsell → outcome tracking

- 1 Hotel kit.** Upon check-in, the guest receives a Garmin Forerunner 165 Music watch and Index S2 scale (or connects their own device). Connected once to the hotel Wi-Fi — data flows automatically thereafter.
- 2 25 metrics dynamically.** Sleep and stages, nocturnal HRV, resting heart rate, stress, Body Battery, steps, SpO<sub>2</sub>, respiration rate, VO2max, weight, and body composition — sent to EU servers in a dedicated hotel database.
- 3 Guest portal, 36 languages.** In-browser mobile portal: condition, daily program, routes, nutrition. The doctor writes in their own language — the guest reads in theirs: automatic translation of prescriptions.
- 4 Doctor's morning sheet.** One A4 sheet per guest: previous night, deviations from personal baseline, daily program, and suggested adjustments — the doctor confirms or amends with a single pen stroke.
- 5 Hotel service upselling.** Tailored to the guest's state, the platform suggests treatments from the hotel price list — the guest accepts in one tap; the order goes to the front desk and onto the bill.
- 6 Results on the watch.** The guest takes home measured "before and after" stay outcomes — a reason to return; the hotel gains course data and an AI recommendation engine trained on it.

**Key differentiator:** the platform does not sell "health content" — it sells the specific hotel's services tailored to the measured condition of a specific guest. Revenue and data remain with the hotel.

Garmin — CE-certified hardware, purchased by the hotel in its local region

# 10 longevity programmes: day-by-day protocol, progress tracked in numbers

Each programme is assembled from the hotel's 139 treatments via an 11-question intake form — complete with daily schedule, pricing, and “before and after” biomarker readings from smartwatches and smart scales; each has its own landing page and booking button in the portal.

01 · 3 days

## Longevity diagnostics

Entry point: 7 biomarkers, blood panel, and spectral HRV analysis — personalized stay protocol at output.

02 · 21 days

## Classic course and detox

Mineral drinking cure, lymphatic drainage, inhalations, saunas, and baths; 6 metrics guide the course (7-day minimum).

03 · 14 days

## Metabolic reset

Targeting insulin resistance: 6 biomarkers and body composition measurements on the first and penultimate days.

04 · 10 days

## Deep recovery

Burnout and insomnia: floating, magnetotherapy, evening protocol — nighttime biometric data adjusts the plan across 6 metrics.

05 · 14 days

## Heart and endurance

Dry CO<sub>2</sub> baths, oxygen therapy, BEMER, and Zone 2 walking; 6 biomarkers — from resting heart rate to VO2max.

06 · 14 days

## Joints and mobility

Mud wraps, sulfur baths, underwater massage, aqua gymnastics; 6 indicators — steps, load, sleep.

07 · 7 days

## Aesthetics and Anti-Age

Lymphatic drainage, carboxytherapy, and skincare protocols; progress tracked across 6 smartwatch and smart scale metrics.

08 · 10 days

## Women's health and balance

PMS, perimenopause, and menopause: lymphatic drainage, warm baths, and aqua gymnastics monitored via 5 biomarkers.

09 · 14 days

## Military personnel recovery

For combatants and high-stress professions: relieves nervous system exhaustion, unloads joints and spine.

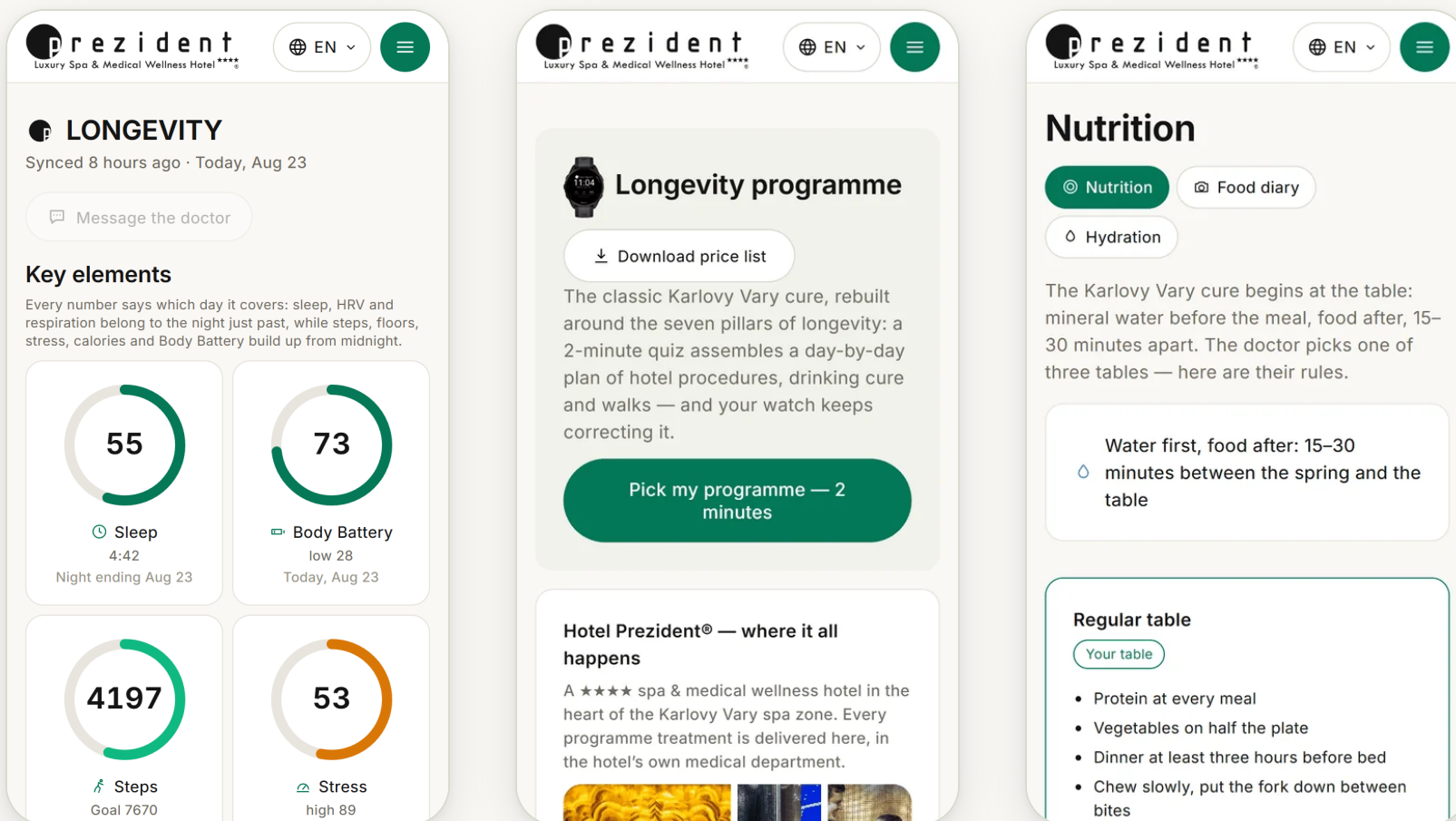
10 · course

## Immune reboot

Contrast thermotherapy, salt steam, and oxygen therapy; 6 overnight metrics calibrate thermal conditioning exposure.

Durations are baseline, with allowed minimum stay requirements; programmes adapt to each hotel's pricing schedule. Programme 08 is for women only; the server rejects other questionnaires.

# Through the guest's eyes: dashboard, programme selection, nutrition



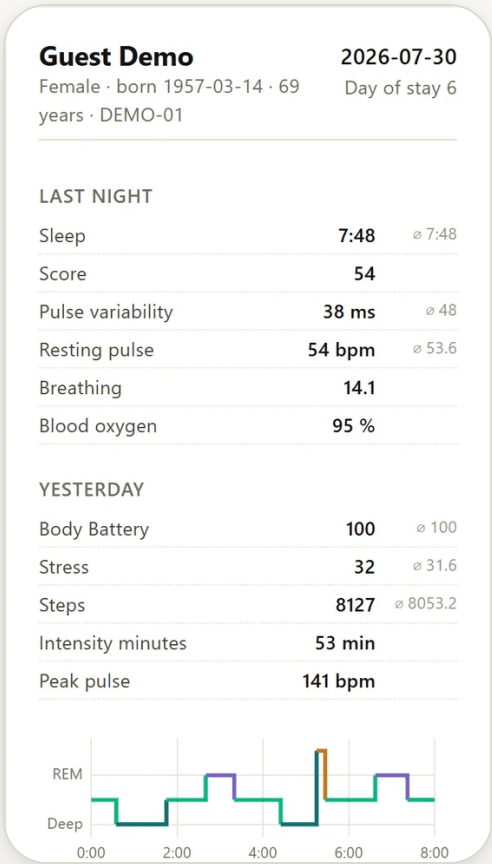
Key daily metrics: sleep, Body Battery, steps, stress

Longevity programme: a 2-minute questionnaire builds a tailored hotel treatment plan

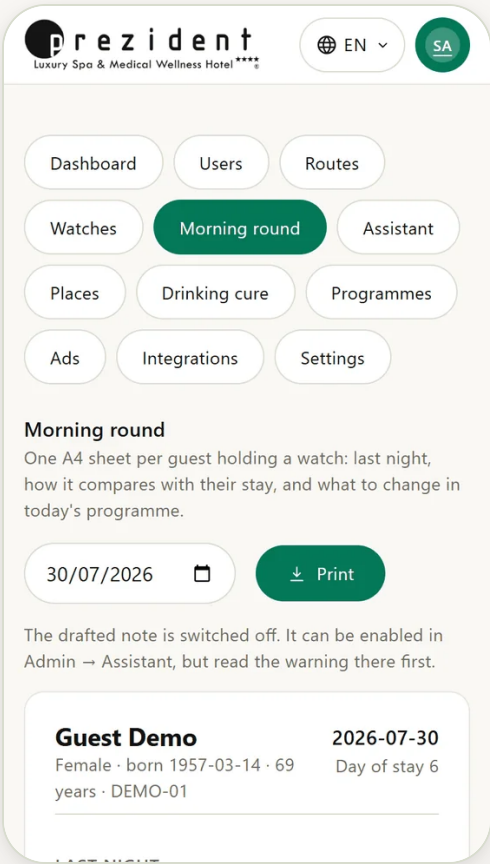
Nutrition: dining guidelines, photo meal logging, mineral drinking protocol

Screenshots represent the reference hotel's live portal (white-label Prezident), English interface; guests can select any of 36 languages.

# Through the eyes of doctor and front desk: morning sheet, rounds, branded watch face



A4 Morning Sheet: guest's night, deviations from baseline, adjustments — signed off by doctor



Staff dashboard: morning rounds, one-click sheet printing



Branded watch face: heart rate, steps, hourly drinking cure schedule, and target HR zone 96-118

# Prezident Luxury Spa & Medical Wellness Hotel, Karlovy Vary



## Longevity programme

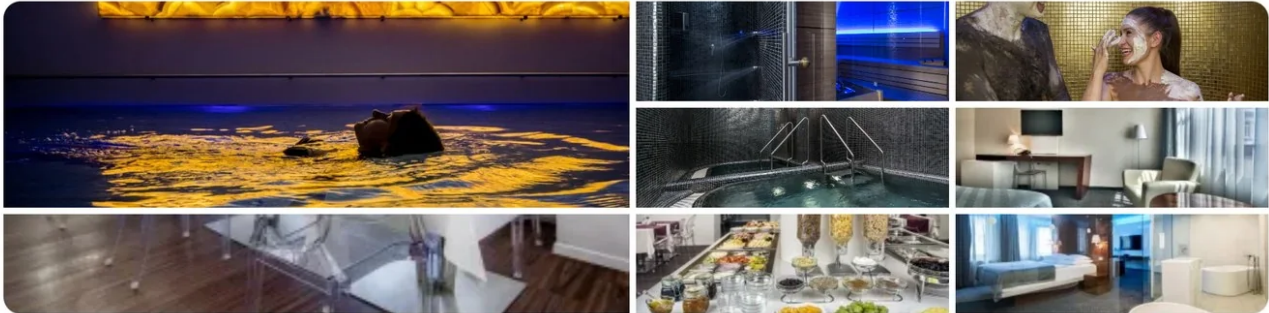
The classic Karlovy Vary cure, rebuilt around the seven pillars of longevity: a 2-minute quiz assembles a day-by-day plan of hotel procedures, drinking cure and walks — and your watch keeps correcting it.

Download price list

Pick my programme — 2 minutes

### Hotel Prezident® — where it all happens

A ★★★★★ spa & medical wellness hotel in the heart of the Karlovy Vary spa zone. Every programme treatment is delivered here, in the hotel's own medical department.



- ✓ In-house medical department: a spa physician leads the programme; treatments follow the official 2026 price list.
- ✓ Wellness Resort on the top floor: pool, saunas and fitness — free for hotel guests.
- ✓ Classic Karlovy Vary methods and the drinking cure — thermal-water colonnades are a few minutes' walk away.
- ✓ The hotel's own restaurant and terrace; meals are aligned with your programme.

- ✓ 4-star spa and medical wellness hotel in the heart of Karlovy Vary's spa zone — a city with a 650-year healing history, part of the UNESCO World Heritage site "Great Spa Towns of Europe"
- ✓ **139 treatments** from the official 2026 price list digitized: category, duration (2–120 min), intensity, weekly limits, contraindications, and price
- ✓ **10 longevity programmes** assembled from these treatments; an 11-question questionnaire builds a day-by-day plan and calculates pricing
- ✓ Branded Garmin watches with hotel logo, colonnade mineral spring drinking cure, terrain therapy trails with offline navigation
- ✓ Hotel's dedicated public portal; platform demo environment with seven guests featuring real device data

**What this proves to an investor:** the platform runs beyond mockups — a real hotel, real price list, real devices. All screenshots and figures in this presentation are from this live deployment.

Longevity program page on the hotel portal: classic Karlovy Vary cure re-engineered around the seven pillars of longevity

# A working platform, not a prototype

10

longevity programs with daily protocols — from Longevity diagnostics to Immune reboot

139

treatments in the reference hotel's digitized catalog — the configurator builds programs from them

25

metrics from watch and smart scale in dynamics — from sleep stages and HRV to body composition

36

interface languages, including Arabic and Hebrew; auto-translation of doctor's prescriptions

2

proprietary Garmin Connect IQ apps: watch face and walking workout with target heart rate zones

1,742

pages of live documentation: 46 wiki articles × 36 languages, automated verification

289

live product screenshots in documentation — captured by automated pipeline from working testbed

800

guest accounts included in the base plan; dedicated database for each hotel

## Compliance and data

GDPR, EU-hosted servers — data never leaves the EEA; TLS encryption; erasure upon guest request; export in HL7® FHIR® R4 standard. Legal classification: lifestyle support, not a medical device.

## Visibility layer (SEO + GEO)

Showcase and wiki are optimized both for search engines and AI assistant answers (ChatGPT, Gemini, Perplexity): schema.org markup, llms.txt, IndexNow, 36 language versions per page.

## Live demo

demo.longev.eu — portal through the eyes of guest, doctor, and front desk; seven demo guests with real device data; reseeded every night. Verified in one click from this presentation.

# The barrier is data, not code

## Stream 1

### Continuous biometrics

25 metrics from watch and smart scale: sleep, HRV, resting heart rate, stress, body composition

## Stream 2

### Doctor's prescriptions

treatments, workload dosing, morning sheet adjustments

## Stream 3

### Nutrition diary

program diets, photo-logged meals, mineral spring drinking cure



### Every morning — an "intervention → response" pair

Yesterday's treatments and load are logged alongside today's resting heart rate, HRV, sleep, and readiness. The cumulative shift across the stay is also visible — night HRV growth and resting HR reduction by program end: functional reserve, not just morning recovery.

### Labeled outcome dataset

Training sample for next-generation predictive models — and the foundation for moving from correlations to estimating Individual Treatment Effect for specific interventions. Grows with every guest, anonymous by design, GDPR-compliant.

### Why Garmin or a PMS cannot copy us

- ✓ Neither a PMS connecting to Garmin Health API nor Garmin itself holds all three streams at once: the API delivers biometrics only
- ✓ A competitor connecting the API tomorrow starts from scratch — without doctor prescriptions and accumulated outcomes; the platform gains more with every guest stay
- ✓ Switching platforms means the hotel loses its guest-trained module: a built-in switching cost
- ✓ B2B license agreements grant the platform rights for cross-hotel model training on de-identified datasets — legally securing the data network effect

# Transparent SaaS: three pricing components, hotel payback from 5–10 guests

## Setup

one-time Setup

# €2 500

Full white-label platform: hotel website with SEO and AI response optimization · two branded Garmin apps · adaptation of 10 programmes · offline navigation · online staff training.

## Base

monthly Base

# €800

Platform, EU-hosted servers (GDPR), AI algorithms · support and 4 online meetings per month · 800 guest accounts with smartphones · 10 active guests with Garmin devices included.

## Active Guest

per stay

# €8

From the 11th active guest of the month. An active guest is one whose watch or scale transmitted data during the stay; one charge per stay, a week and a month cost the same. Revenue scales with hotel occupancy.

## Hotel unit economics

The hotel sells its own programmes from its own price list — the platform merely enriches and upcells them. The subscription pays off from the first 5–10 guests per month; the SEO layer attracts guests looking for longevity programmes in the region from search and AI responses — with zero ad spend.

## Longev unit economics (illustration)

A hotel with 60 active guests per month:  $€800 + 50 \times €8 = \text{€1 200/mo}$ , ~€14 400 per year + €2 500 setup. Marginal costs per hotel are low: infrastructure and pipelines are reused.

# Go-to-market: direct hotel sales + organic demand from search and AI answers

## 1 • Direct sales to spa hotels

45-minute online demo → custom payback calculation for the hotel → launch. Reference hotel in Karlovy Vary unlocks resort clusters across Czechia, DACH, and the Baltics; longevity conference calendar featured on the showcase (healthspaneconomy.com).

## 2 • SEO + GEO as a demand engine

Search intent is shifting toward AI assistants; ChatGPT answers using the Bing index. Showcase and wiki are built for this: 1 742 pages in 36 languages, llms.txt, schema.org, IndexNow. Each article is a dedicated landing page for its query ("Metabolic reset", "longevity hotel in Karlovy Vary").

## 3 • White-label multiplies reach

Each hotel receives its own longevity website with SEO — and promotes it independently: hotel marketing budgets feed into the platform funnel. Guests wearing branded watches and sharing postcards on social media generate organic word of mouth within the resort.

## 4 • Guest retention

Guests take home measurable results and stay connected via the hotel portal; a 14-day programme with follow-up metrics provides a built-in reason to return. For hotels, this increases guest LTV; for Longev, it expands the active guest count.

# Built-in B2B System: Direct Access to Hotel Decision-Makers and Outreach Automation

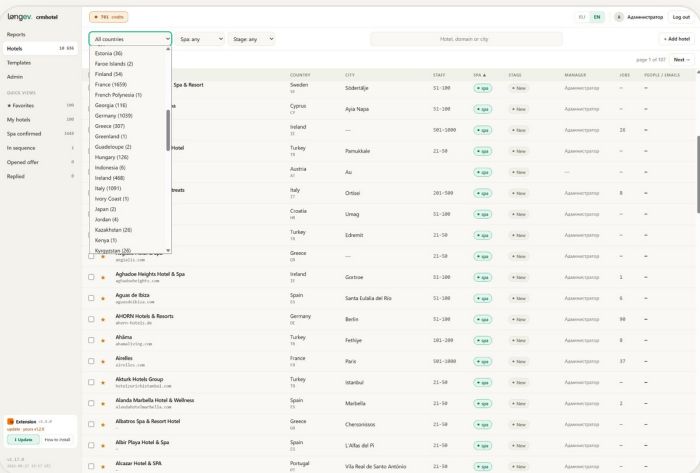
Digitized database of 11,000+ hotels in Europe and CIS with verified manager contacts and automated touchpoint sequences.

| COUNTRY     | TOTAL | SPA | COUNTRY        | TOTAL | SPA | COUNTRY    | TOTAL | SPA |
|-------------|-------|-----|----------------|-------|-----|------------|-------|-----|
| France      | 1,769 | 768 | Hungary        | 126   | 96  | Armenia    | 53    | 47  |
| Spain       | 1,676 | 543 | Czech Republic | 124   | 87  | Slovakia   | 43    | 40  |
| Italy       | 1,377 | 760 | Ukraine        | 120   | 95  | Estonia    | 36    | 28  |
| Germany     | 1,039 | 495 | Georgia        | 116   | 76  | Slovenia   | 28    | 25  |
| Netherlands | 866   | 142 | Romania        | 103   | 58  | Uzbekistan | 27    | 21  |
| Turkey      | 672   | 422 | Denmark        | 99    | 32  | Kyrgyzstan | 26    | 18  |
| Ireland     | 468   | 178 | Azerbaijan     | 92    | 66  | Kazakhstan | 26    | 17  |
| Portugal    | 419   | 213 | Cyprus         | 85    | 61  | Lithuania  | 23    | 16  |
| Greece      | 353   | 225 | Croatia        | 81    | 61  | Luxembourg | 22    | 10  |
| Poland      | 351   | 291 | Malta          | 72    | 40  | Latvia     | 19    | 15  |
| Belgium     | 229   | 63  | Bulgaria       | 63    | 51  | Moldova    | 9     | 7   |
| Sweden      | 225   | 110 | Finland        | 54    | 33  | Tajikistan | 5     | 4   |
| Austria     | 210   | 147 |                |       |     |            |       |     |
| Total       |       |     | 11,106         |       |     | 5,361      |       |     |

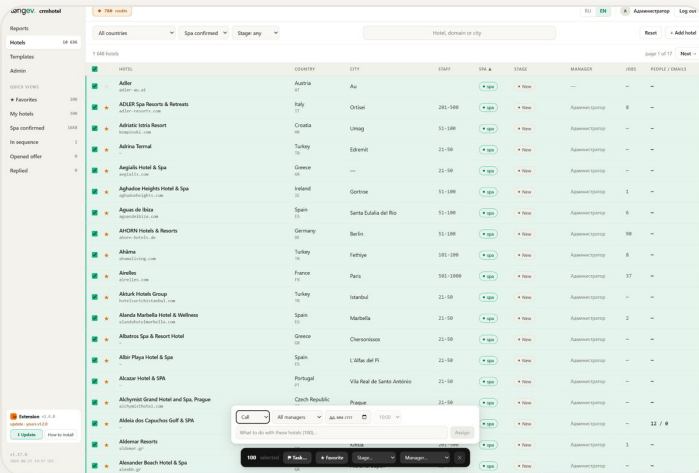
“Total” — hotels in database; “spa” — properties with dedicated SPA/Wellness offering.

## Advantages of the Longev CRMHOTEL Architecture

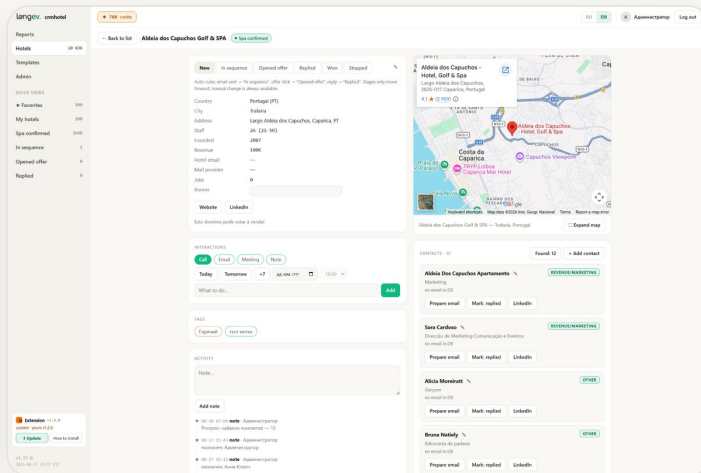
- ✓ **11,000+ verified decision-makers in database:** addressable market digitized by countries and categories (including 5,300+ SPA/Wellness properties). Direct contacts of decision-makers are already integrated into the system.
- ✓ **Automated AI outreach (Email + LinkedIn):** the platform autonomously analyzes profiles, personalizes messaging, and guides hotels through the funnel stages until a direct reply is received.
- ✓ **Warm leads only:** sales managers step into conversations only after a hotel shows interest, eliminating routine cold prospecting.
- ✓ **Bulk operations and transparent analytics:** segmentation of hundreds of properties in one click, conversion tracking at every stage, and full deal cycle control.



Unified property database: filtering by 37 countries, presence of SPA/Wellness, and pipeline stage

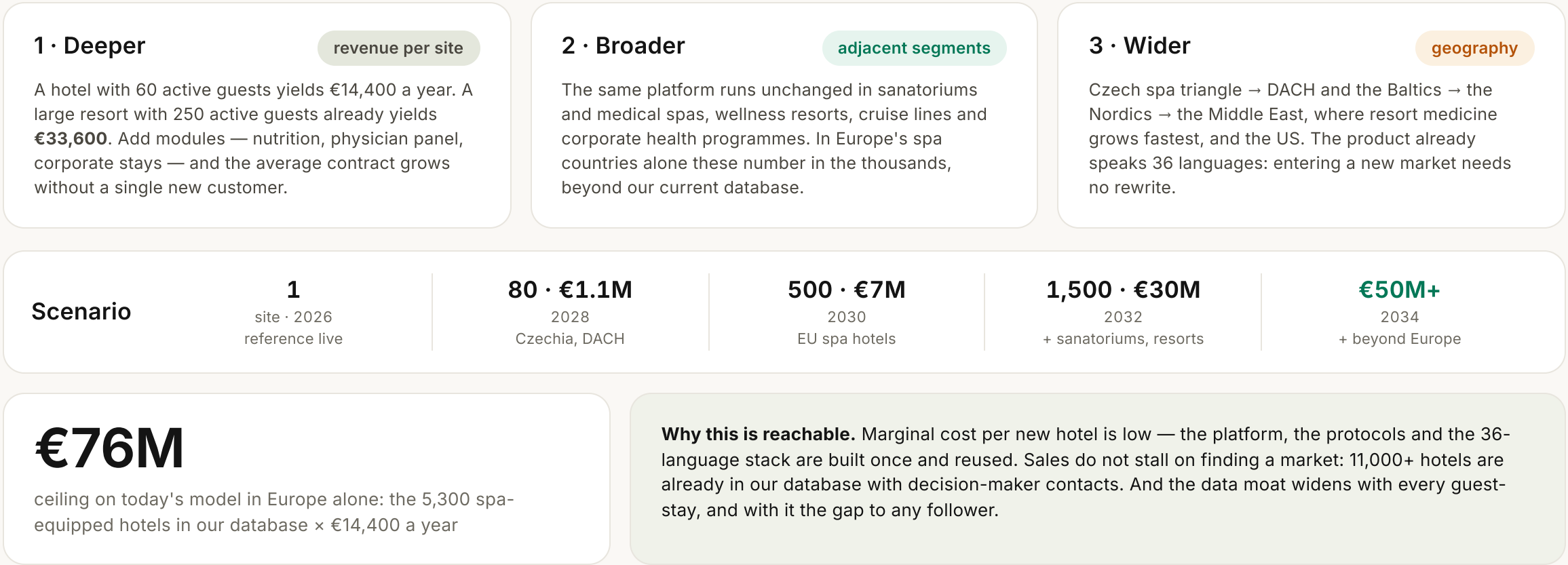


Bulk operations: task assignment, launching LinkedIn/Email campaigns, and status updates in one click



Hotel and decision-maker profile: communication history, contact profiles, and sending personalized offers

# From one hotel to €50M in annual recurring revenue: three levers



# The Only “Guest Biometrics → Hotel Service Sales” Layer

|                      | LONGEVITY CLINICS<br>Clinique La Prairie, SHA, Chenot...                     | WELLNESS APPS<br>Oura, Whoop, Garmin Connect...                        | HOTEL SPA SOFTWARE<br>booking engines, PMS modules | LONGEV · LONGEVITY RESORT                                                  |
|----------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|
| <b>Hotel entry</b>   | not a B2B hotel product:<br>proprietary multi-million euro<br>capex projects | provides nothing to the hotel:<br>data stays with the device<br>vendor | automates bookings, does<br>not process biometrics | €2,500 Setup + subscription;<br>leverages existing hotel<br>infrastructure |
| <b>Guest data</b>    | siloed clinic medical records                                                | held by device platform, not<br>hotel                                  | none                                               | in a dedicated hotel database,<br>GDPR, FHIR R4 export                     |
| <b>Service sales</b> | proprietary only, luxury-<br>segment pricing                                 | app subscription, hotel does<br>not participate                        | on guest request, no<br>personalization            | AI upsells hotel treatments<br>tailored to guest state                     |
| <b>Scalability</b>   | individual bespoke facilities,<br>years of buildout                          | mass-market, but bypasses<br>resorts                                   | high, but lacks longevity<br>value                 | white-label SaaS: replicable<br>across any spa hotel                       |

**Positioning:** we do not compete with clinics or wearables — we connect devices guests already own with hotels already built. Barriers to entry for followers include accumulated prescription datasets, ready-to-use protocols for 10 programmes, 36 languages, and a visibility layer already cited by AI assistants.

# Direct fit with longevity investment focus

## Longevity fund focus → Longev

|                                      |                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supportive software platforms</b> | SaaS layer scaling longevity services without clinic construction                                                                        |
| <b>P4 Medicine</b>                   | predictive (marker trends), preventive (programmes), personalized (tailored guest prescriptions), participatory (guests view their data) |
| <b>Longevity Biomarkers</b>          | 25 wearable biomarkers in daily dynamics linked to interventions and outcomes                                                            |
| <b>AgeTech / quality of life</b>     | resort core audience is guests 50+, product works with zero app installation                                                             |

## Roadmap

- ✓ **Current status:** reference implementation in Karlovy Vary, live demo, platform and documentation in 36 languages
- ✓ **Next step:** expansion to Czech and DACH resort hotels; on-site rollouts; hotel PMS integrations
- ✓ **Following stage:** expanding device fleet, accumulating the "prescription → outcome" training dataset, partnerships with insurance and corporate wellness programmes
- ✓ **Investment accelerates:** sales team across EU resort clusters, certification and regulatory compliance, development of the trainable module

**Invitation:** open the demo (demo.longev.eu), explore the portal from guest and physician perspectives, receive unit economics calculations and a scaling plan — 45-minute online meeting.

# Who created Longev



From left to right: Valeriy Danyuk, Larysa Danyuk, doc. PaedDr. Petr Kolisko, Ph.D., and MUDr. Milada Sarova — Hotel Prezident, Karlovy Vary

**Valeriy Danyuk** — platform development. Graduate of the Polytechnic Institute, specialty "Development and Implementation of Software in Medical Equipment."

**Larysa Danyuk** — marketing and rollout. Over 20 years launching innovative products: Dansoy™, TASTYSOY™, Sauce House™, Longevity Resort.

**Medical protocols** — doc. PaedDr. Petr Kolisko, Ph.D. (physiotherapy and kinesiology) and MUDr. Milada Sarova (balneology and internal medicine).

**Operating entity:** Larysa Danyuk · ul. Jana III Sobieskiego 1/49, 02-957 Warszawa, Poland · NIP 5214137319 · REGON 543026074

## Contact

**V. Danyuk**

danyuk@longev.eu

+49 151 1001 6652

+380 63 117 1785 — WhatsApp · Viber · Telegram

**longev.eu** — showcase and pricing

**demo.longev.eu** — live portal demo

**longev.eu/wiki** — documentation, 36 languages

*The platform is continuously evolving: new modules, devices, and hotels. We are open to collaboration and partnerships — together we can achieve more.*

— Valeriy and Larysa Danyuk