

ENERGY FLOORS

Technology and Products Brochure 2026

Today
4,580 steps
9,202 joules
generated

Powered by
**ENERGY
FLOORS**



Our Mission and Impact

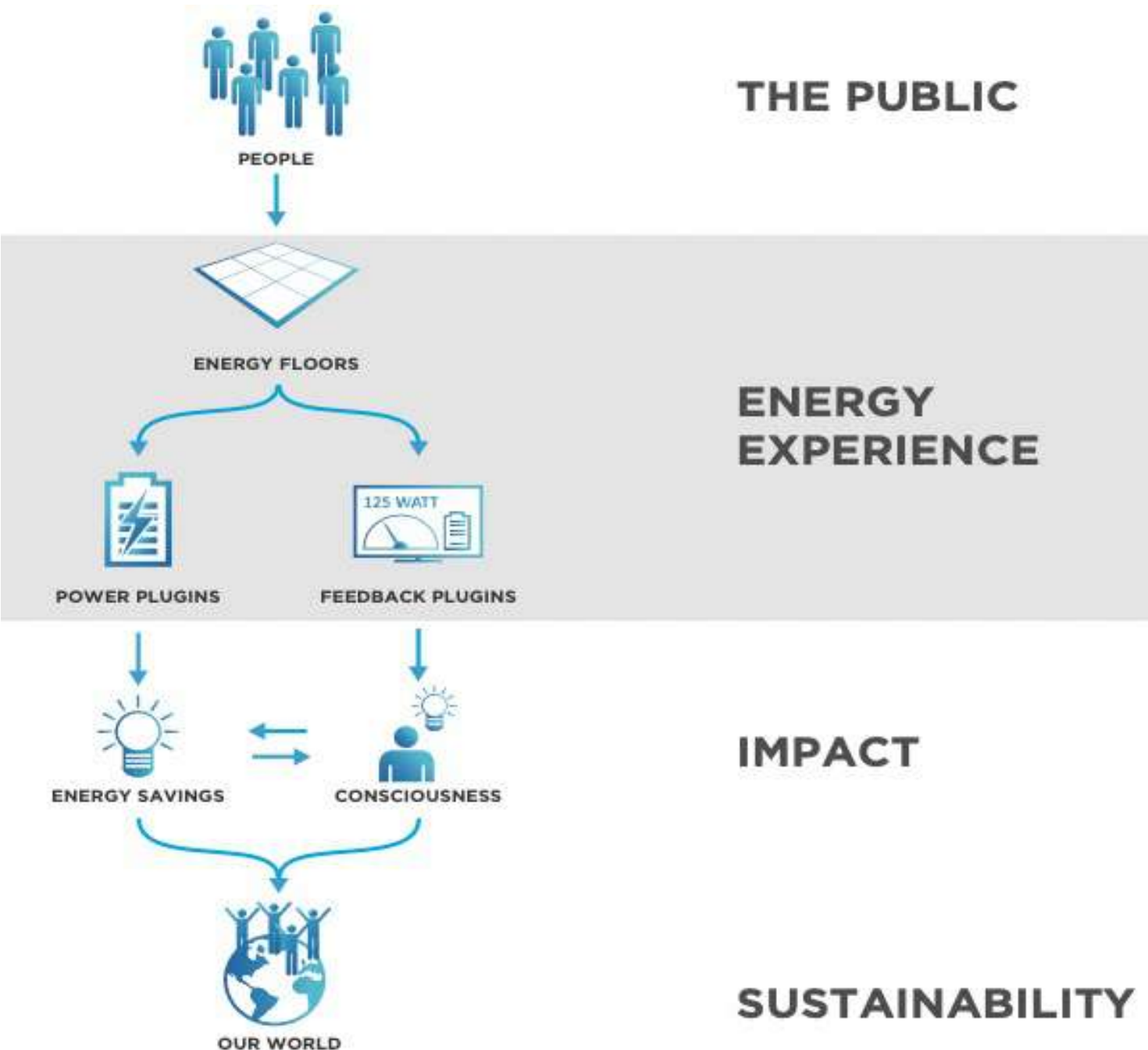
It is our mission to speed up the energy transition by creating awareness about renewable energy in exciting ways.

We design and build floors that generate energy, are smart, interactive and make sustainability visible. So everyone who steps on them realizes that they can really make an impact.

We believe that all technology is available to create a sustainable world. We just need to realize this and embrace these technologies into our everyday lives.

Energy Floors aims to create awareness about renewable energy generation and environmental impact. We do this by making energy production visible, interactive, smart and fun.

JOIN THE POSITIVE GENERATION!



> 800 TEMPORARY
INSTALLATIONS

84 PERMANENT
INSTALLATIONS

1 INTERNATIONAL
PATENT

68 COUNTRIES

> 30 M PEOPLE
ACTIVATED

> 90 M TON CO2
SAVED

Our Installations & playing fields

Sustainable, Smart & Interactive

Sustainable

Kinetic Modules (indoor) and Solar modules (outdoor) produce clean energy and act as a sustainable eye catcher

Smart

Integrated sensors collect data about motion and energy, which is gathered and shown in an online environment

Interactive

People move on the tiles and receive feedback through the integrated LED lights and (online) dashboards



Events and Brand Activations



Smart Buildings



Education

Energy Floors tiles



1. KINETIC MODULE

Kinetic Modules, for indoor and outdoor installations. Top layer can be with or without LED-lights. Material can be chosen from library or custom made.

Kinetic Power

35 Watt peak per module
20 watt jumping
2 watt walking

Size

750 x 750 x 140mm

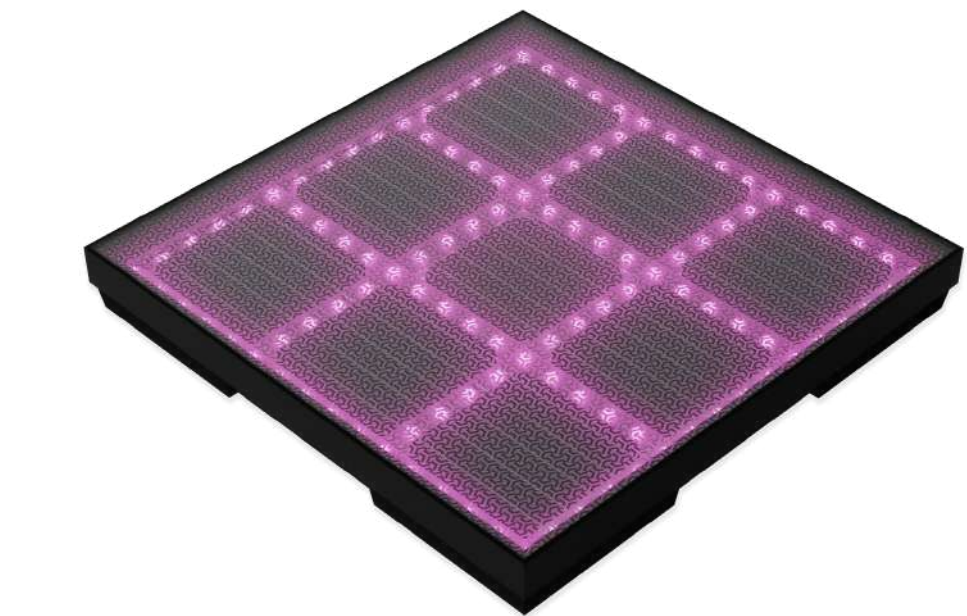


KINETIC MODULE VARIATIONS

- Light rails on 2 sides
- Light up logo
- Solar panel
- No lights - stone, rubber, wood

Custom design possible.

Thickness from 145mm



2. SOLAR MODULE

Walkable Solar Modules, for permanent outdoor installations

Solar Power

35 Watt peak per module

Size

600 x 600 x 50mm

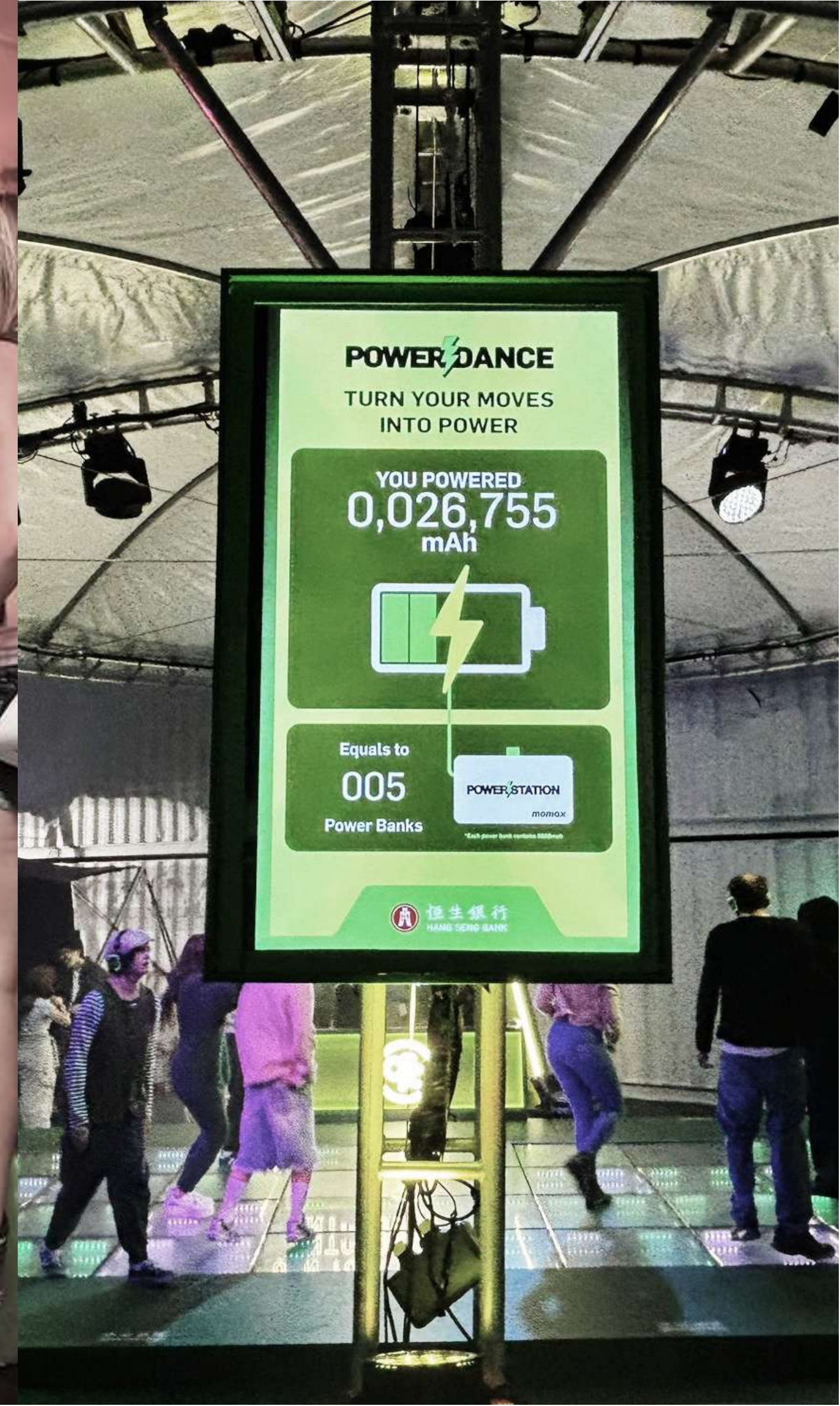
SALES VIA WWW.APOLLIOS.COM

Data Generation and Feedback Systems

The data coming from the floor tiles regarding human movement and energy production is gathered in the Energy Floors control unit and stored in a cloud environment. Our software interprets this data and uses it as input for interactive applications.

We determine 2 types of feedback systems:

1. Via the sensors and LED-lights in the tiles.
2. Information via (online) dashboards



Client Cases



**ENERGY
FLOORS**

User Case Greenpea Enel X

Client
Enel X

Proposition
Kinetic Walkway

Software
Interactive Floor
Energy Dashboard

Tiles
Kinetic

Project description:

Greenpea is the first sustainable shopping mall in Italy and realized by the owners of the leganday Eatlay stores. The 5 story building is created with sustainable materials and innovative technologies. Energy Floors have been installed at each floor combined with LED screens that show how much foosteps have been set on the floors and how much energy has been generated.

**ENERGY
FLOORS**



User Case Afas Experience

Client
AFAS

Proposition
Kinetic Walkway

Software
Interactive Floor
Energy Dashboard

Tiles
Kineitc

Description

AFAS is a Dutch family-owned company that develops software products for businesses and consumers. In November 2020, they relocated to a new headquarters to be not only a working space for employees, but an experience centre for businesses across At the core of the experience center is sustainability and we were approached to offer a solution. In the new Atrium, between the AFAS office building and the public theatre our kinetic energy floors have been installed (pictured) with an infinity design overlay and modern polygon shape. There is an energy meter visible where visitors can see the number of calories they have burned, how much energy their footsteps have been generating, and how much has been converted into electricity.

**ENERGY
FLOORS**



User Case Legoland NY

Client

Merlin
Entertainment

Software

Interactive Floor
Energy Dashboard

Proposition

Kinetic
Dancefloor

Tiles

Kinetic

Description

Energy Floors collaborated with LEGOLAND® New York to create an innovative installation of two kinetic dance floors in the new Minifigure Skyflyer attraction that connects two parts of the park by a cable car.

This engaging feature was placed in the waiting areas for the lift, inviting visitors to contribute to energy generation by dancing and jumping.

On the screens and on the walls, visuals are shown on how the technology works and how to generate the most energy. The LEGO minifigures explain, invite and engage the visitors in an emerging experience with low key technical and environmental aspects.

**ENERGY
FLOORS**



Project ENGIE Smart Parking

Client
ENGIE

Proposition
Solar Walkway

Software
Interactive Floor
Energy Dashboard
Charging electric cars

Tiles
Solar

Description

The 'solar energy sidewalk' delivers power to a multifunctional light pole, the CENT-R which is a visual landmark and a charging station for electric cars. It generates power for 320 people to charge their mobile phones for one year long or for an electric car to drive about 4000 kilometers.

'The Walker' from Energy Floors not only generates power via its solar panels. It is also programmed to interact with the pedestrians. The LED solar, walkable tiles react to walking, dancing or jumping. Children can finally game outside their rooms! In this way, we engage citizens in the smart city experience and encourage the production of local energy.

**ENERGY
FLOORS**



Project MALTA

Client

Municipality of
Malta

Software

Interactive Games
Energy Dashboard

Proposition

Solar Gamefloor

Tiles

Solar

Description

Energy Floors was approached by the Office of the President and the Energy Ministry in Malta to propose energy solutions for the park. They wanted a space that is family friendly, would educate children, and involve them in the production and conservation of energy and natural resources.

We installed The Gamer in the centre of the playground as an ideal solution that would fit their needs.



User Case Coldplay

Client

EPS International

Proposition

Kinetic Dancefloor

Software

Energy Dashboard

Tiles

Kinetic

Description

Coldplay's new world tour is putting sustainability on the main stage. The Music Of The Spheres World Tour (MOTSWT) aims to reduce greenhouse gas emissions by 50% compared to the band's last tour. We are helping Coldplay boost their sustainability initiatives with fan power.

Energy Floors are supplying the floors in the MOTSWT Energy Centres. The MOTSWT required a solution that would boost Coldplay's sustainable message and connect them with their fanbase. The floors had to align with the intergalactic theme of the tour, be sturdy to withstand hundreds of dancers, and be durable to travel across countries.

**ENERGY
FLOORS**



User Case Coachella - Heineken

Client
Heineken USA

Proposition
Kinetic Dancefloor

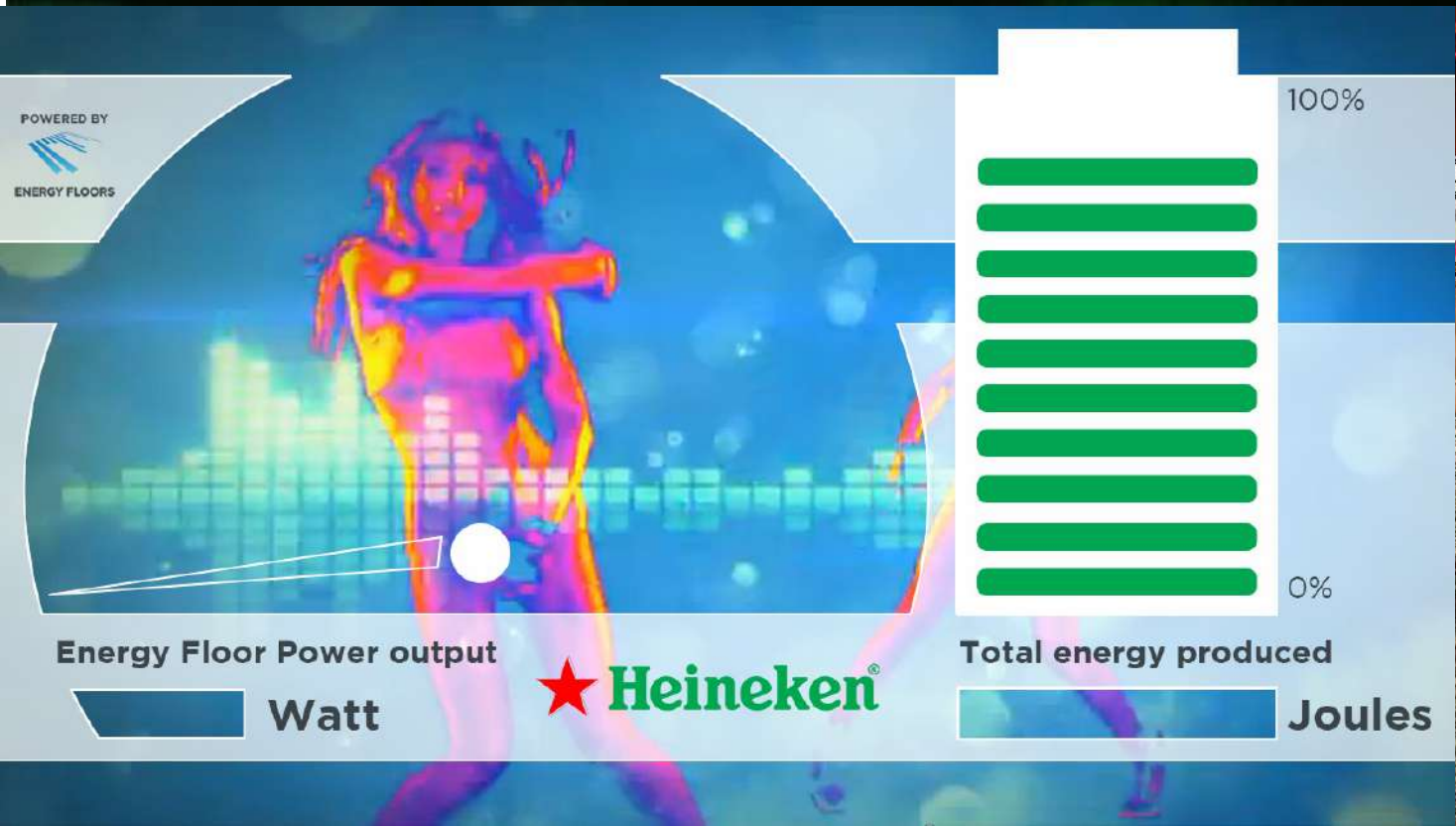
Software
Interactive Floor
Energy Dashboard

Tiles
Kinetic

Description
At Coachella Festival in the US a Heineken Clubs was created where a kinetic dance floor was integrated.

The Energy Dashboard on the screen showed interactive visuals combined with information about how much energy was produced during the event.

ENERGY
FLOORS



USER CASE

Clockenflap Festival

Hang Seng Bank

Client
Clockenflap
Festival

Proposition Kinetic
Dancefloor

Software
Interactive Floor
Energy Dashboard

Tiles
Kinetic

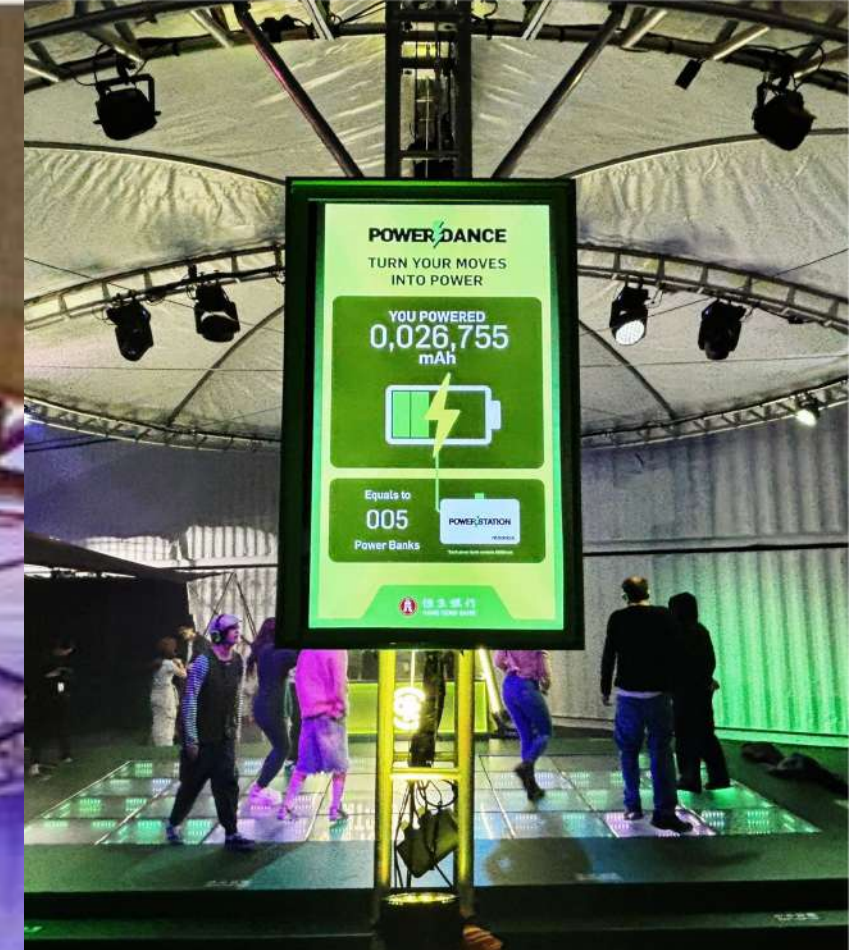
Project description:

A 3 days event Energy Floors brand activation at the Clockenflap Festival'25 in Hongkong, adopted by Hang Seng Bank company, also the main sponsor of the festival.

Sustainability initiatives

While the people participated in either the energy challenge for a free drink and/ or turned their moves into energy on the kinetic dance floor, Energy Floors converted their energy to 5000mAh mini powerbanks, branded as powerstation by Hang Seng Bank, in which the audience could take its own human powered energy back home.

**ENERGY
FLOORS**



User Case Cisco Live Amsterdam

Client

George P Johnson

Proposition

Kinetic Walkway

Kinetic Dancefloor

Software

Interactive Floor

Energy Dashboard

Tiles

Kinetic

Project description:

During Cisco Live in the RAI in Amsterdam we have created a kinetic walkway during the days of the event where people could walk over the floor and generate energy. The floor was divided in 2 parts: red and blue.

At the final night of the event the walkway was rebuilt into a kinetic dance floor where people could dance and generate energy for their team by choosing a side and color. The color that generated the most energy controled the lights in the location,

**ENERGY
FLOORS**



DAY Kinetic Walkway



NIGHT Kinetic Dancefloor

CONTACT DETAILS

ENERGY FLOORS
Drutenstraat 2
3087 CC Rotterdam, The Netherlands
010 - 276 22 13
Info@energy-floors.com
www.energy-floors.com

The logo for Energy Floors is displayed in a large, bold, sans-serif font. The word "ENERGY" is on the top line and "FLOORS" is on the bottom line. The letters are colored with a gradient: "E" is purple, "N" is dark blue, "E" is blue, "R" is light blue, "G" is teal, and "Y" is green. The same color gradient is applied to the letters of "FLOORS".

ENERGY
FLOORS