

Audiovisual presentation



Audio narrative	2
Identification and permission	3
Scriptwriter and Director	3
Producer	3
Cast (in order of apparence)	3
Cameraman	3
Editor	3
Sound recorder	3
Voice-over	3
3D model designer	3
Intro-Extro designer	3
Map designer	3
Music	4

Audio narrative

We are from Switzerland, a small country in the heart of Europe. Switzerland is well known for its many mountains, lakes, green countryside, nice small cities - and its unforgettable cheese and chocolate. To preserve our natural heritage, we Swiss citizens have recently voted laws which avoid too many constructions in green areas and reduce individual energy consumption by half between now and 2035. To achieve this goal, we have to act at different levels from mobility to food habits and energy efficient buildings.

So, how can we encourage people to adopt a sustainable lifestyle?

Eager to tackle the challenge, we design a house for a whole neighborhood where people can share, learn about and experience this lifestyle. This place is the Neighborhub.

To help us build a better future, we chose 7 driving themes. The **NeighborHub** includes several functions related to these to encourage us actively in reducing our energy consumption and preserving our natural resources.

Mobility is one of our driving themes. Alternative means of transportation will be available at the NeighborHub - for example a shared electric vehicle and its charging terminal - as well as cargo bikes.

By buying local **food**, we use less energy. Thanks to its flexible architecture, the NeighborHub can serve as a convenient market for local producers and residents alike, and engage them in urban gardening.

As for the **energy** theme, the NeighborHub is powered by the sun. Solar and homemade solar thermal panels are integrated on the east, south and west façades, to harvest maximum energy from solar dynamics.

Turning to **waste management**, recycling containers and an exchanging shelf are integrated in the house to encourage reprocessing and reuse.

Dry toilets enable us to produce compost that can be used as fertilizer.

Not to be forgotten is the **water management**. The rainwater collected on the roof can be used for laundry and watering purposes. We've also installed a phytoremediation system to treat water on site.

The roof plays a role in the development of **biodiversity** with its green surface.

Materials choices have significant impact on the environment. The prefabricated elements of the NeighborHub's modular construction are therefore made of wood, a renewable material.

The house is divided into two main spaces. The center of the NeighborHub, the **Core**, is a thermally controlled space. It is surrounded by the **Extended Skin**, which is controlled with passive strategies.

With its multipurpose space and moveable furniture, the house can be used as a conference room, a dining area as well as a private sleeping space.

**The NeighborHub:
an experience for a sustainable community!**

Audiovisual presentation

Identification and permission

Scriptwriter and Director

Flavia Viscardi
Jessica Ruffieux

Producer

Jessica Ruffieux
Marc Delachaux SAVE-EPFL

Cast (in order of apparence)

Victor Saade
Morgan Fargues
Axelle Marchon
Flavia Viscardi
Philippe Couty
Margarita Espinos
Benoît Cousin
Guillaume Gruet
Antoine Maltey
Florian Szüle
Axelle Marchon
Baptiste Gex
Flavia Viscardi
Jocelyn Sapin
Xavier Tendon
Ozan Urundu

Editor

Jessica Ruffieux
Marc Delachaux SAVE-EPFL

Cameraman

Flavia Viscardi
Jessica Ruffieux
Marc Delachaux
Alexandre Gonzales

Sound recorder

Marc Delachaux SAVE-EPFL

Voice-over

Baptiste Gex
Valentine Declerck

3D Model designer

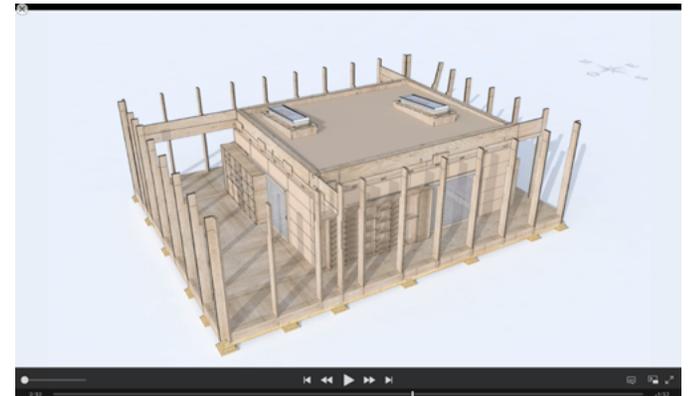
Samuel Cotture
Claudio Leonardi

Intro - Extro designer

HEAD

Map designer

Camille Rattoni



Identification and permission

Music

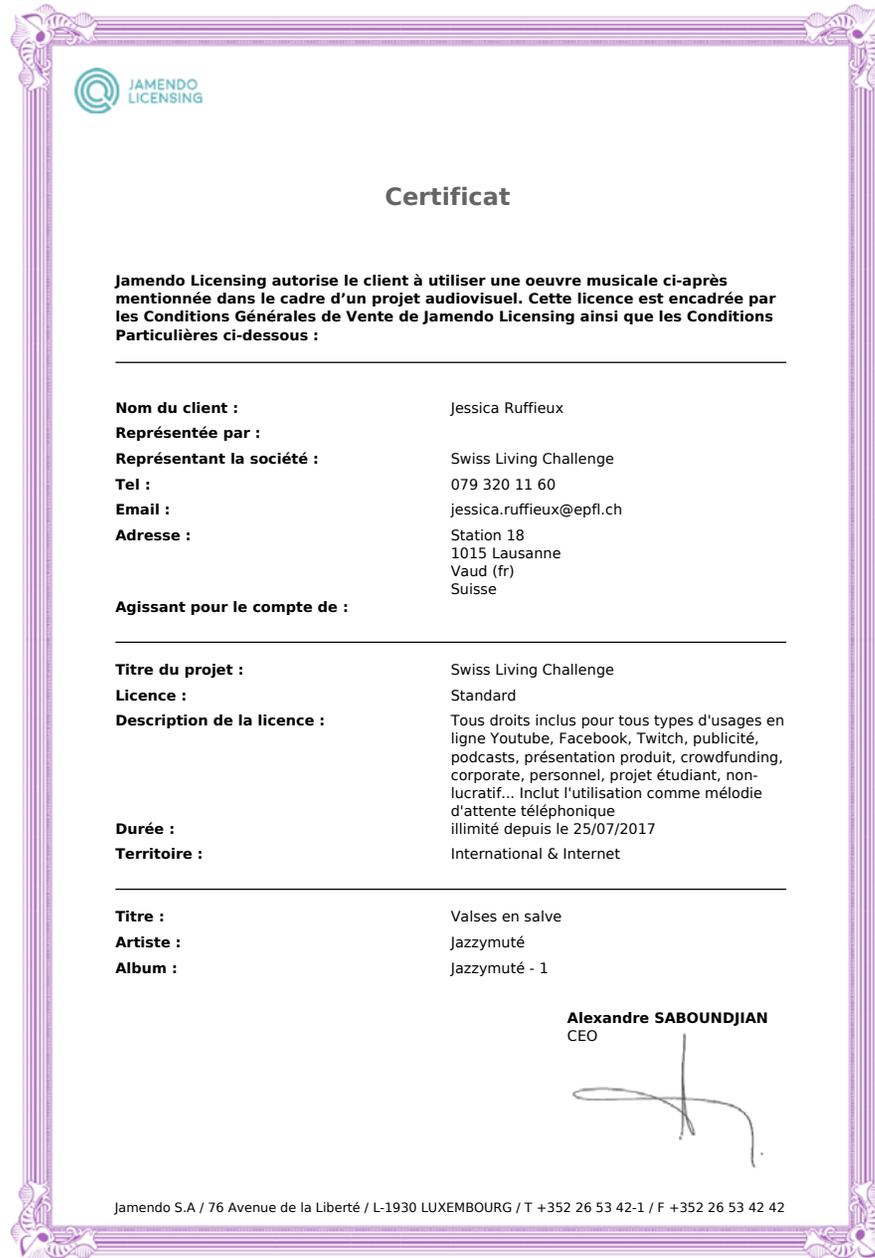
1st music

name: Valse en salve

artiste: Jazzymuté

download: jamendo.com

royalty free music



 **JAMENDO LICENSING**

Certificat

Jamendo Licensing autorise le client à utiliser une oeuvre musicale ci-après mentionnée dans le cadre d'un projet audiovisuel. Cette licence est encadrée par les Conditions Générales de Vente de Jamendo Licensing ainsi que les Conditions Particulières ci-dessous :

Nom du client : Jessica Ruffieux
Représentée par :
Représentant la société : Swiss Living Challenge
Tel : 079 320 11 60
Email : jessica.ruffieux@epfl.ch
Adresse : Station 18
1015 Lausanne
Vaud (fr)
Suisse

Agissant pour le compte de :

Titre du projet : Swiss Living Challenge
Licence : Standard
Description de la licence : Tous droits inclus pour tous types d'usages en ligne Youtube, Facebook, Twitch, publicité, podcasts, présentation produit, crowdfunding, corporate, personnel, projet étudiant, non-lucratif... Inclut l'utilisation comme mélodie d'attente téléphonique illimité depuis le 25/07/2017
Durée :
Territoire : International & Internet

Titre : Valses en salve
Artiste : Jazzymuté
Album : Jazzymuté - 1

Alexandre SABOUNDJIAN
CEO



Jamendo S.A / 76 Avenue de la Liberté / L-1930 LUXEMBOURG / T +352 26 53 42-1 / F +352 26 53 42 42

2nd music

name: Brilliant-horizons

artist: G1PZJIBu

download: audioblocks.com

with the EPFL subscription to
download royalty free music