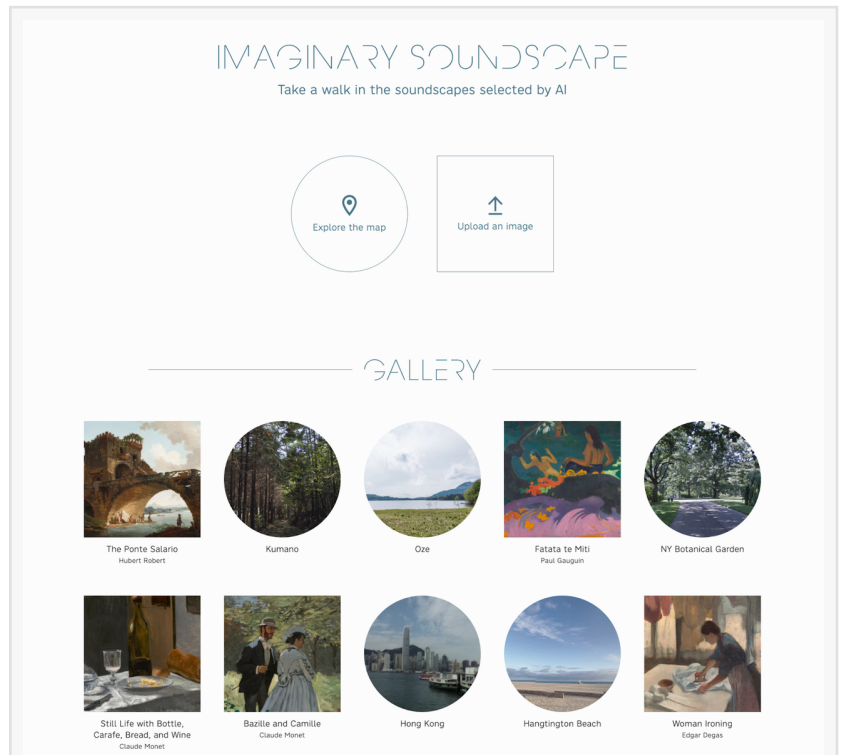


Qosmo updates “Imaginary Soundscape”, a web service where AI selects soundscape for images and scenes

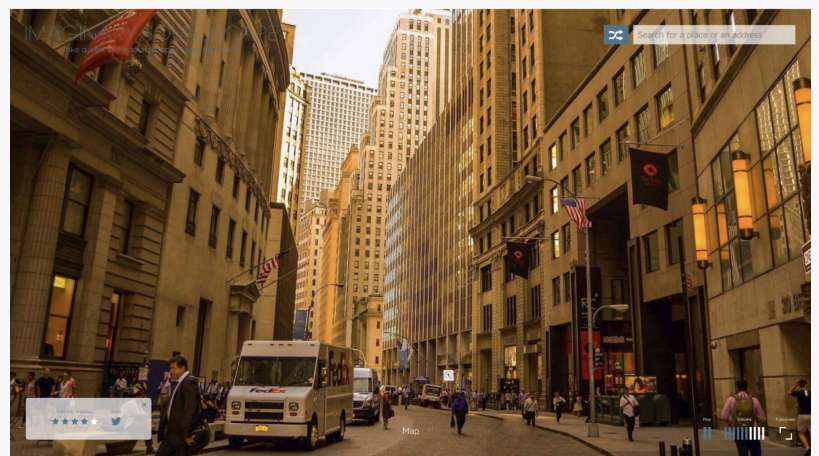
Qosmo offers a license to the updated multi-modal AI technology for commercial use

MEGURO, TOKYO, JAPAN, April 28, 2022 /EINPresswire.com/ -- Tokyo, Japan, Apr 27, 2021 – [Qosmo](#), Inc., who advances the creativity of mankind with Art and Technology, publicly releases today the new updated version of “[Imaginary Soundscape](#)”, an online service which finds a matching sound-clip to uploaded images using multi-modal deep learning technology. This service is now offered in English and Japanese for free. Qosmo also announces the commercial licensing of the core technology of this service, Img2Sound Engine.

□ What is Imaginary Soundscape?
We all have the ability and experience of imagining the sound you’d experience when seeing a photo. A beach would remind you of the sound of the waves, an image of a busy crossing would remind you of the sound of cars. This project is an attempt to externalize such human capability. Using the image uploaded by the user, the AI model will find the best matching sound out of the large sound library which consists of over 60

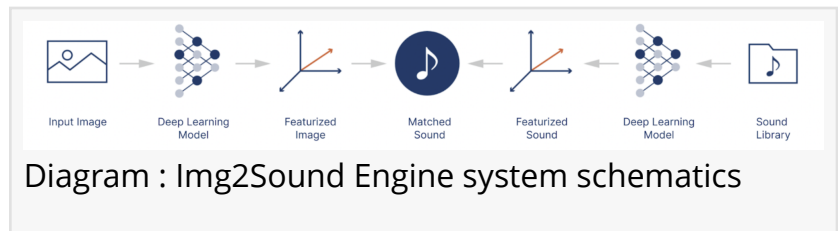


Photo□Imaginary Soundscape website top



Google Street View mode will let you experience the soundscape selected by AI

thousand sound-clips. In the Google Street View mode, the user can walk around the place of their choice and experience the soundscape “imagined” by the AI. Since its initial launch in 2017, this project has been highly reputed and has been used by more than 500 thousand users so far.



□ Features of the Latest Version

There are three major updates to the service at this time: improvement of the model accuracy, expansion of the sound library, and improvement of the UI. Internally, the AI model based on object recognition technology was replaced with a multi-modal AI model built with the Contrastive Learning technique. Together with the expanded sound library, these updates allow for more contextualized matching with awareness to subtle differences in nuances.

□ Commercial licensing of “Img2Sound Engine”

At this time we are starting commercial licensing of our core technology of Imaginary Soundscape, Img2Sound Engine. This technology is an application of a Deep Learning technique called Contrastive Learning. Both the input image and the candidate sound files are converted into vector representations which allows for comparison of similarities between different content types. This technique is also applicable in the other direction (sound to image) as well as other modalities such as text, music and video. Qosmo is experienced at multi-modal AI technologies as we have helped our clients incorporate them into their products, services and projects on various occasions.

Imaginary Soundscape [project reference page](#)□currently based on the previous version, planned to be updated shortly□

□ Past Exhibitions and Awards

2017

- Submitted and selected for NIPS2017 Machine Learning for Creativity and Design

2018

- Exhibited “Imaginary Soundwalk” at Media Ambition Tokyo 2018
- Favorite Website Award(FWA) Site of the day
- Posted to “Experiments with Google — AI Experiments”

□ About Qosmo, Inc.

Established in 2009, Qosmo’s vision is to advance the creativity of mankind with Art and Technology. A group of artists, researchers, designers, and programmers work together for the

mission to open up the frontier of creativity through the production of artwork, and contribute to building a society where more people can work, learn and live more creatively by developing AI tools for artists, companies and individuals.

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Qosmo, Inc.

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