



# Analemma Songs

Project

## Synopsis

*Analemma Songs is a global sculpture that is playing on the sun rays.*

*The vision and goal with Analemma Songs is to create a global and interactive work of art that uses the sun as driving force to create music. The goal for the project is to create multiple sites all over the globe for listening to the sun activities.*

*There are two different ways to work with this work of art – local performance or global performance. Local performance means that the visitor uploads own compositions from the composer app for smartphones to the sculpture. Global performance means that a composition from one composer is performed - on all sites within Analemma Songs.*

*The idea is that this sculpture is represented at new or existing venues for enhancement of our dynamic existence and at all sites can the visitors upload their composition to the sculpture and it begins to move towards the sun for playing the music and let the visitors listen to the sun. During 2012 was the project rewarded cultural funding from the Swedish authorities.*

## History

In the beginning of year 2000 was the instrument Solarfon® created – an instrument that generates tones from plain sunlight. With this instrument was the work of art Rijke Experiment created which was exhibited at different venues in Sweden between the years 2000-2003. During the years 2004-2011 was the project in hibernate but it never ended. In the middle of 2011 was the project started again, with a success and several funding organizations found this project and idea to be interesting - the definitions of the project and the ideas are still valid though more than one decade has passed!



The original solarfon was static in sense that it was turned towards the sky in one direction – it was needed to manually turn the instrument so it would become audible more than 15 minutes each day and during one day each year. One of the first subprojects in Analemma Songs was to develop technology for the solarfon so it could be controlled independent of time and geographic position on the globe. This technology was also necessary for the possibility to compose music for the sculpture – six to nine instruments connected in a synchronized network are needed to play chords and melodies. Today is the frequency range of the solarfon 300-650 Hertz.

Information and pictures from previous exhibitions can be found at <http://www.solarfon.com>.

## Visions

The vision and goal of Analemma Songs is to create a global and interactive sculpture that uses the sun as the driving force to create music. The goal is to let the work of art spread to multiple places all over our globe and that visitors can compose and upload own compositions to the sculpture with the help of their smartphones. To interconnect different venues are internet used to control and update the work of art with new compositions. The idea is to create sculptures at existing or new venues where you can spend time with friends, have something to eat and drink and for uploading own compositions to the sculpture for listening to the sun activities. The music will be performed during clear days when our planet is travelling around the sun and hopefully will this give the visitors increasing understanding for globalization, the need of communication between humans and a fascination about the existence of life due to our sun.



The project and this work of art creates a new field and expression within the art music genre where the sun is used as a direct force to create sound and music without transforming energy to other states other than just mechanical. The work with the solarfon includes to extend the frequency range of the instrument and to tune it with other instruments as well as the human singing voice to give the visitors an experience as rich as possible.

The possibility of the solarfon to create sound tends to be random, because the constitution of the atmosphere changes from one day to another – though this is the goal to control the instrument to an extent as much as possible. In this case do the solarfon differ from the tradition Musique Concrète where machines mostly generate random sound.

## Local and global

The basic idea to create a global and interactive work of art open to the public - where visitors can affect the result by uploading compositions to the sculpture - is a global project indeed but it's very local when the sculpture is moving in front of the visitors searching for the sun.

Art venues hosting this work of art will see an increasing interest of the specific region and probably also national and international and in the long term will this attract visitors to the art venue.

At each art venue is one idea to offer food and drinks to create a financial income to the art venue increasing the possibility let the project prevail in the long term and to create a

living region. All compositions uploaded to the sculpture will be stored and can be replayed far in to the future.

The idea and project is unique and not possible to find elsewhere and that would give the art venues hosting this work of art an advantage within cultural innovation and renewal.



There are many exciting aspects to this project and some of the most important are the close bonds to the human hand, in other words - the visitor can affect the outcome. The futuristic perspective – a goal in the project is to prevail in the future based on real economic incomes and the possibility to replay historic compositions from previous visitors stored in the core of the work of art. Visual appealing – the sculpture fills an empty space day and night even though it doesn't play. To create a visual light room during evening and night is the sculpture illuminated, preferably from underneath to use its movement and ability to reflect light when it's rotating.

Because that the sun is the driving force of this work of art and the App used to control the work of art is available on the internet are there no national restrictions for who is affecting the sculptures at each art venue. One restriction is there, the visitor has to be at the venue for uploading compositions to the sculptures. A goal is that the art venues hosting these sculptures will spread globally and be available to everyone with a smart phone.