

AI-Powered Song Generation and Audio Intelligence – Partners Sought for Eureka Network Project

Summary

Profile type

Research & Development Request Türkiye

Company's country

POD reference

RDRTR20260814005

Profile status

PUBLISHED

Type of partnership

Research and development cooperation agreement

Targeted countries

• All countries

Contact Person

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Term of validity

14 Aug 2026**14 Aug 2027**

Last update

14 Aug 2026

General Information

Short summary

A Turkish technology SME is developing Beatify, an AI-powered platform for controllable song generation and audio intelligence. The company is seeking universities, research institutes and innovative SMEs with expertise in generative music AI, Music Information Retrieval (MIR), singing voice synthesis and related technologies to join a Eureka Network project.

Full description

A Turkish technology-oriented SME established in 2021 and based in Mersin Technopark is developing Beatify – AI Song Generation and Audio Intelligence, an innovative platform for controllable AI-based music and song generation.

The project aims to develop an end-to-end artificial intelligence system capable of generating original songs based on natural-language prompts, lyrics, genre, mood, tempo, key, instrumentation and reference style inputs.

The proposed system will integrate lyric and theme analysis, melody, harmony, rhythm and arrangement generation, singing voice synthesis, instrumental audio generation, style and voice-character control, and source separation within a unified generative music workflow.

The Turkish SME will act as project coordinator and technology provider, leading the development of the common data and rights management architecture, Turkish lyric/text processing layer, cloud and GPU integration of generative models, web-based platform, APIs, security and traceability components, and pilot applications.

A particular research focus will be placed on Turkish lyrics, syllable-stress-prosody alignment and the rhythmic and modal characteristics of local music genres. Users will be able to control genre, mood, tempo, key, duration, instrumentation and vocal characteristics, while generated musical layers can be regenerated and edited.

Rights-cleared data, explicit permissions for reference audio, data/output provenance and AI-generated content labelling will be incorporated into the system design.

Advantages and innovations

Beatify's key innovation is an integrated and controllable AI architecture for end-to-end song generation, combining lyric and theme analysis, melody, harmony, rhythm and arrangement generation, singing voice synthesis, instrumental audio generation, style and voice-character control, and source separation within a single workflow.

Unlike solutions focusing on isolated music-generation or audio-analysis functions, Beatify will allow users to control key creative parameters such as genre, mood, tempo, key, duration, instrumentation and vocal characteristics, while enabling generated vocal and instrumental layers to be regenerated and edited.

A further advantage is the project's focus on multilingual and culturally relevant music generation, with dedicated research on Turkish lyric syllable-stress-prosody alignment and the rhythmic and modal characteristics of local music genres.

The platform will also incorporate rights-cleared data, permission management, data and output provenance, and AI-generated content labelling, supporting responsible and traceable use of generative music technologies.

Technical specification or expertise sought

The project is seeking a university, research institute or innovative SME with strong R&D expertise in one or more of the following areas:

Generative music and audio AI
Music Information Retrieval (MIR) and computational musicology
Audio tokenisation and neural audio codecs
Transformer- or diffusion-based text-to-music and text-to-song generation
Symbolic music modelling
Singing voice synthesis and vocal transformation
Melody, harmony, rhythm and arrangement generation
Lyric-melody-prosody alignment, particularly for multilingual music generation

The partner should have experience in developing, testing or validating AI-based music and audio models and be able to contribute to rights-cleared datasets, data annotation, benchmarking and comparative experiments.

Expertise in evaluating musical coherence, prompt adherence, originality, audio quality and copyright/permission compliance is also sought.

Partners with access to music studios, professional musicians, record labels, digital content platforms or other creative-industry networks are particularly welcome to support international pilot activities.

Stage of development

Concept stage

IPR Status

Sustainable Development goals

- **Goal 8: Decent Work and Economic Growth**
- **Goal 9: Industry, Innovation and Infrastructure**

IPR Notes

Partner Sought

Expected role of the partner

The partner is expected to contribute to the R&D and validation activities of the Beatify project, particularly in the development and evaluation of generative music and audio AI technologies.

The partner will contribute to:

Developing and validating AI models for melody, harmony, rhythm, arrangement and vocal generation;
Supporting lyric-melody-prosody alignment and multilingual music generation;
Contributing to the preparation of rights-cleared datasets and data annotation schemes;
Conducting benchmarking and comparative experiments with reference models;
Developing testing and evaluation protocols covering musical coherence, prompt adherence, originality, audio quality and copyright/permission compliance;
Supporting independent validation of the developed models and system;
Contributing to pilot applications and user testing within the creative industries.

Partners with access to professional musicians, music studios, record labels, digital content platforms or similar creative-industry networks may additionally support international pilot activities.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME 11-49**
- **SME 50 - 249**
- **SME <=10**
- **R&D Institution**
- **University**

Call Details

Framework program

Eureka

Call title and identifier

Eureka Network Projects

Submission and evaluation scheme

To be submitted and evaluated according to the Eureka Network Projects procedures and applicable call requirements.

Anticipated project budget

Coordinator required

No

Deadline for EoI

1 Jan 2029

Deadline of the call

1 Jan 2030

Project duration in weeks

Web link to the call

Project title and acronym

Dissemination

Technology keywords

Market keywords

- **02007021 - Other Artificial intelligence related**
- **02007016 - Artificial intelligence related software**
- **02007020 - Artificial intelligence programming aids**

Targeted countries

- **All countries**

Sector groups involved