NTK
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Národní technická knihovna
National Technical Library

210 mm

VIRTUÁLNÍ NÁRODNÍ FONOTÉKA
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# National Aggregator for Sound in the Czech Republic

## Virtual National Phonoteque


**Iva Horová and Iva Malinová**

**National Technical Library, Prague, Czech Republic**


**50th Annual IASA Conference**

**Hilversum, 30. 9. 2019**

# Outline:

1. what the VNF is
2. the portal's missions
3. how and why the VNF was created
4. what the portal contains and offers
5. architecture and functionalities
6. how we cooperate in the frame of the portal
7. plans and visions

# The Virtual National Phonotheque (VNF) is:

- a web portal with a specialised database, which provides information about:
  - existence, placement and format of sound records
  - online access without any restrictions
- metadata of sound records on

  various media and content

# https://www.narodnifonoteka.cz/

www.narodnifonoteka.cz

# The mission of the VNF

- replace never-realized Czech National Sound Archive
- create one portal as an access point to sound
- build a complex information source
- encourage digitization
- start a social dialogue about our coverage gap
- to gain the state's attention

# (Virtual) National Phonotheque - Brief history

- Attempts to create a NSA have repeatedly appeared since the 1930s
- late 1990s - unsuccessful tenders and return to negotiations
- Still missing:
  - national sound institution = standards, methodology
  - centralised overview of sound collections
  - information overview about digitization

...

# Virtual National Phonotheque starts

- In 2012 Moravian Library Brno held an unprocessed shellac collection
- Built a digitization lab
- Created the 1st certified methodology: selection criteria for digitization
- Created a special database for metadata
- Started connecting various metadata vendors
- Brought about new ideas to fill resulting gaps

# VNF in MZK ends...

- 2015 - the start of the first period:
  - set a working group, developed a concept, IASA Paris, ...
- 2016–2017 - stagnation:
  - lack of work and financial capacity
  - no good will to proceed and to maintain the database
  - disappointment, stress...
  - began to find a new solution = negotiations with other institutions
  - finding a new model for cooperation

# Virtual National Phonotheque - restart

## 2018 VNF moved to the National Library of Technology in Prague

# Why the National Library of Technology?

- **National Library of Technology missions:**
  - **supports projects on a national level**
  - **support for science and research**
  - **connects academic, public and private spheres**
  - **provides services without barriers**
  - **experienced in IT technology**
  - **operates the central repository, accessible by anyone**
  - **good will ☺**

# Virtual National Phonotheque - vendors

- **connects various metadata vendors *(libraries, archives, record companies, private institutions, individuals)***
  - **25 suppliers**
  - **approximately 500 000 records**
  - **suppliers should guarantee the quality of their records**
- **first new vendor after 2 year break**
- **dealing with new vendors throughout this year:**
  - **Czech Radio Sound Archive**
  - **Music information Centre**
  - **New Phonograph project = National Museum**

Národní knihovna České republiky
National Library of the Czech Republic

MORAVSKÁ ZEMSKÁ KNIHOVNA

knihovna kroměřížska

MĚSTSKÁ KNIHOVNA KUTNÁ HORA

Knihovna města Hradce Králové

Bibliothek Liberec
Knihovna Liberec
Library Liberec

SEVEROČESKÁ VĚDECKÁ KNIHOVNA ÚSTÍ NAD LABEM

Knihovna Jiřího Mahena v Brně

Knihovna Plzeň

KNIHOVNA PELHŘIMOV

Krajská knihovna Františka Bartoše
PŘÍSPĚVKOVÁ ORGANIZACE

KRAJSKÁ KNIHOVNA VYSOČINY

MěK MĚSTSKÁ KNIHOVNA V PŘEROVĚ

Městská knihovna v Praze

STŘEDOČESKÁ VĚDECKÁ KNIHOVNA V KLADNĚ

SUPRAPHON

Supraphonline

Česká televize

MUSAEUM NATIONALE 1818

NÁRODNÍ MUZEUM

Archiv české a slovenské filmové hudby

Český rozhlas

RADIOSERVIS

Radioteka.cz
Český rozhlas

audioteka.cz

ULTRAPHON VĚRNÝ TON

# Virtual National Phonotheque - IT solution

## How it works:

vufind
Search. Discover. Share.

- free open source software (VuFind)
- using SOLR, Record Manager
- harvested data (mostly via OAI-PMH), based on MARC 21
- deduplication of imported/displayed records
  - 1 record - more vendors - one representation
  - access information
  - links outside

MARC 21

# Why the VNF is unique?

- the one union catalogue of sound in the Czech Republic
- not only music, but oral histories, radio broadcasts, sound, etc.
- not only a catalogue, but a place for listening:
  - playback of selected items (in accordance with copyright!)

- enrichment of "bibliographic" records with active links:
  - to digitised version
  - into e-shops
  - to the owner's website
  - to other related websites

Chrome File Edit View History Bookmarks People Window Help 00:00:00 36 % Thu 26 Sep 14:47

Search Home

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NTK VIRTUAL NATIONAL PHONOTHEQUE

0 items

Find Advanced

**Search Options**

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*Karel Čapek calls for establishment of "…a national discotheque in every country, acquiring and preserving both national folklore and exceptional works of local composers or performers and ensembles, when recorded on gramophone records. That way, a real archive of national music in authentic and peak performance are archived, serving to promote the national art, broadcast by the radio, research etc. – **certainly a desirable thing.***

*Karel Čapek*

About the project

Content and objectives of VNF

Virtual National Phonotheque of the Czech Republic aims to provide information about the existence, location and content of audio documents published or located on the teritory of the Czech republic.

Data providers

MORAVSKÁ ZEMSKÁ KNIHOVNA · Národní knihovna České republiky National Library of the Czech Republic · Český rozhlas · SUPRAPHON · Městská knihovna v Praze · STŘEDOČESKÁ VĚDECKÁ KNIHOVNA V KLADNĚ · Knihovna Liberec · Krajská knihovna · KRAJSKÁ KNIHOVNA · KMHK · Knihovna

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NTK VIRTUAL NATIONAL PHONOTHEQUE

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Find Advanced

Search Options

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narodnifonoteka.cz/Search/Advanced

# Access to VNF (approx. 300 visitors every day)

Analytics Národnífonoteka.cz
www.narodnifonoteka.cz

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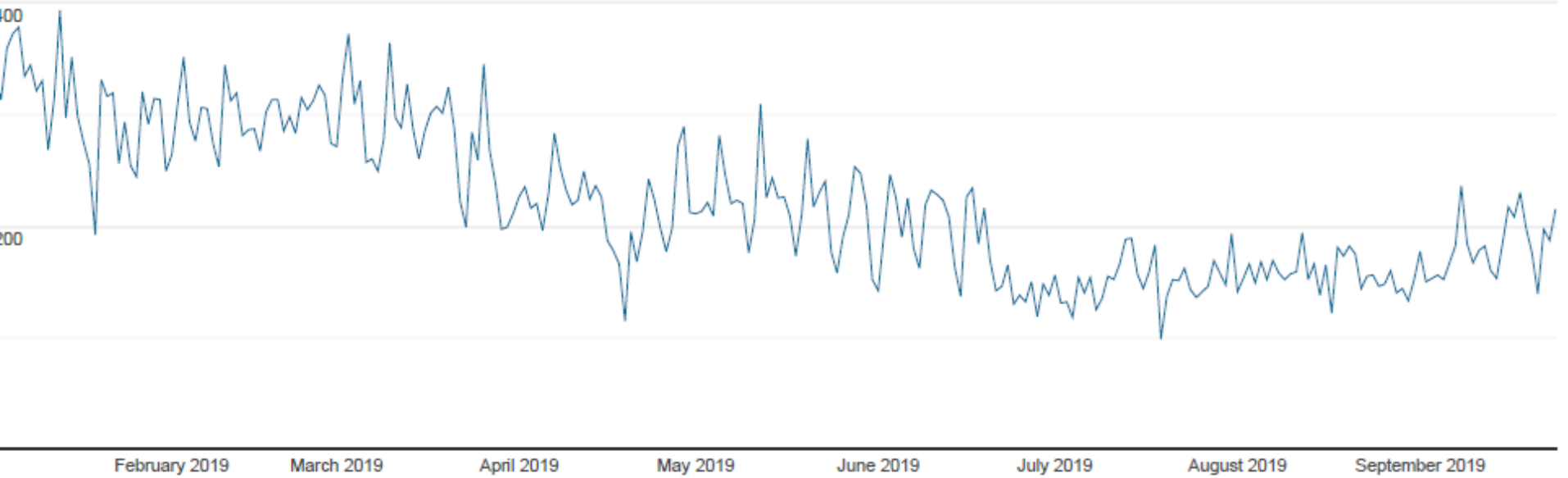
## Active Users

All Users
100.00% Users

Jan 1, 2019 - Sep 24, 2019

Active Users

1 Day Active Users | 7 Day Active Users | 14 Day Active Users | 28 Day Active Users




| 1 Day Active Users | 7 Day Active Users | 14 Day Active Users | 28 Day Active Users |
|---|---|---|---|
| 215 | 1,305 | 2,520 | 4,668 |
| % of Total: 100.00% (215) | % of Total: 100.00% (1,305) | % of Total: 100.00% (2,520) | % of Total: 100.00% (4,668) |

# Access to VNF

Analytics Národnífonoteka.cz
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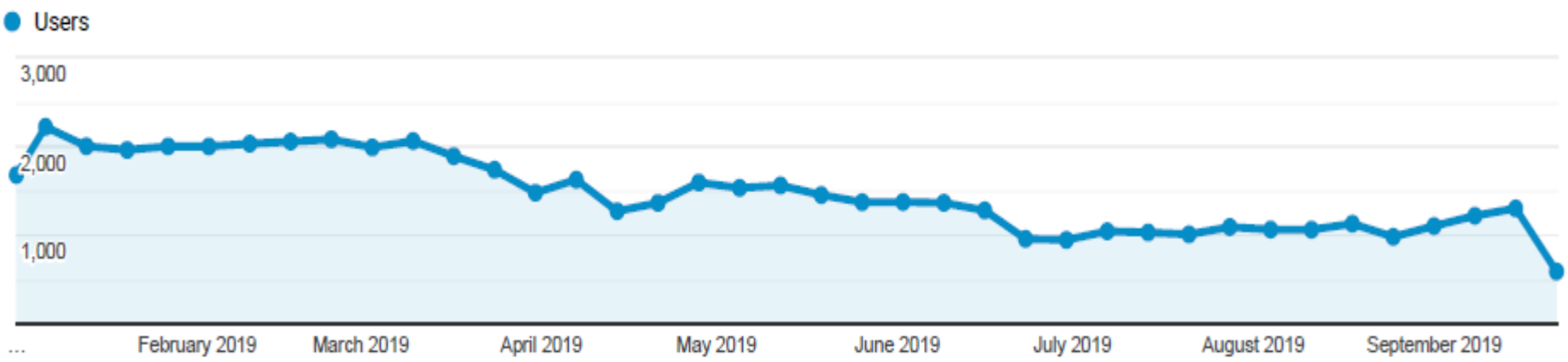
## Audience Overview

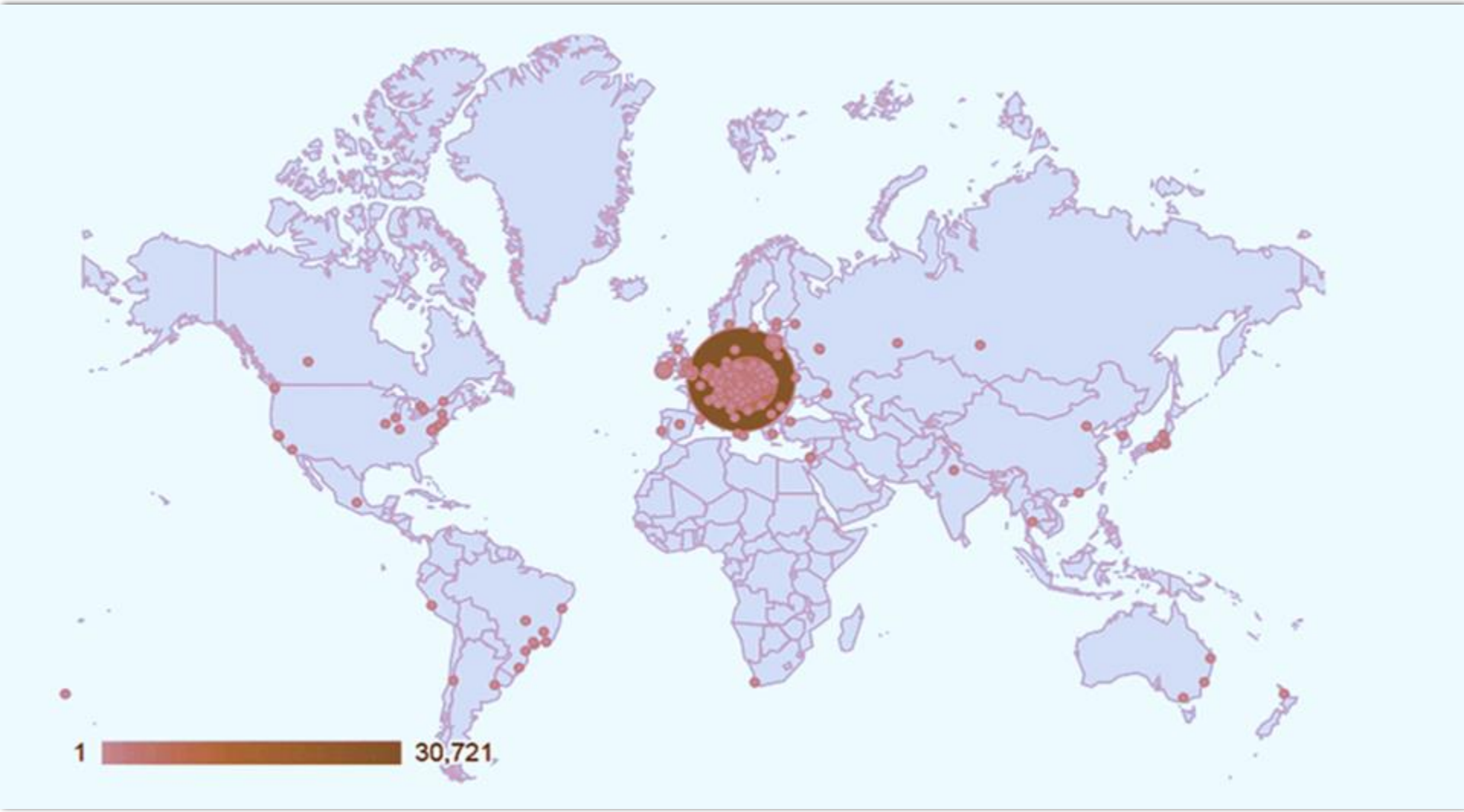
All Users
100.00% Users

Jan 1, 2019 - Sep 24, 2019

Overview



# Access map to VNF



# We gained a grant....

- subsidy program under the Ministry of Culture
- one year project = for 2019
- above all, subsidies for personnel costs
- the team = 10 people (including people outside the library)
- some new functionalities
- main aim = to re-think the role of \
- keep your fingers crossed!

# Where we are right now

- trying to build up a new team
- working on a cooperation agreement with National Museum
- finding ways to integrate VNF into NTK infrastructure
- working on a new website structure and design proposal
- starting research into metadata
- finding inspiration abroad
- analysing users and their needs
- brainstorming about future concepts

# Our immediate plans

- enrich the content = more suppliers
- involve the biggest owners (Czech Radio, Supraphon)
- extend some user and administration functionalities
- create a unique "reference database" incl. terminology
- know needs of our users and offer targeted services*
- to set new data model for describing metadata

# Our questions and ideas

**? What could/should be the "correct" role of the VNF portal ?**

- **just data aggregation or more?**
- **able to ensure unique identification of carriers ?**

- **to cover all Czech institutions, etc.**
- **start close cooperation with National Museum and others**
- **set long-term vision and ensure sustainability**
- **gain regular support from Ministry of Culture**

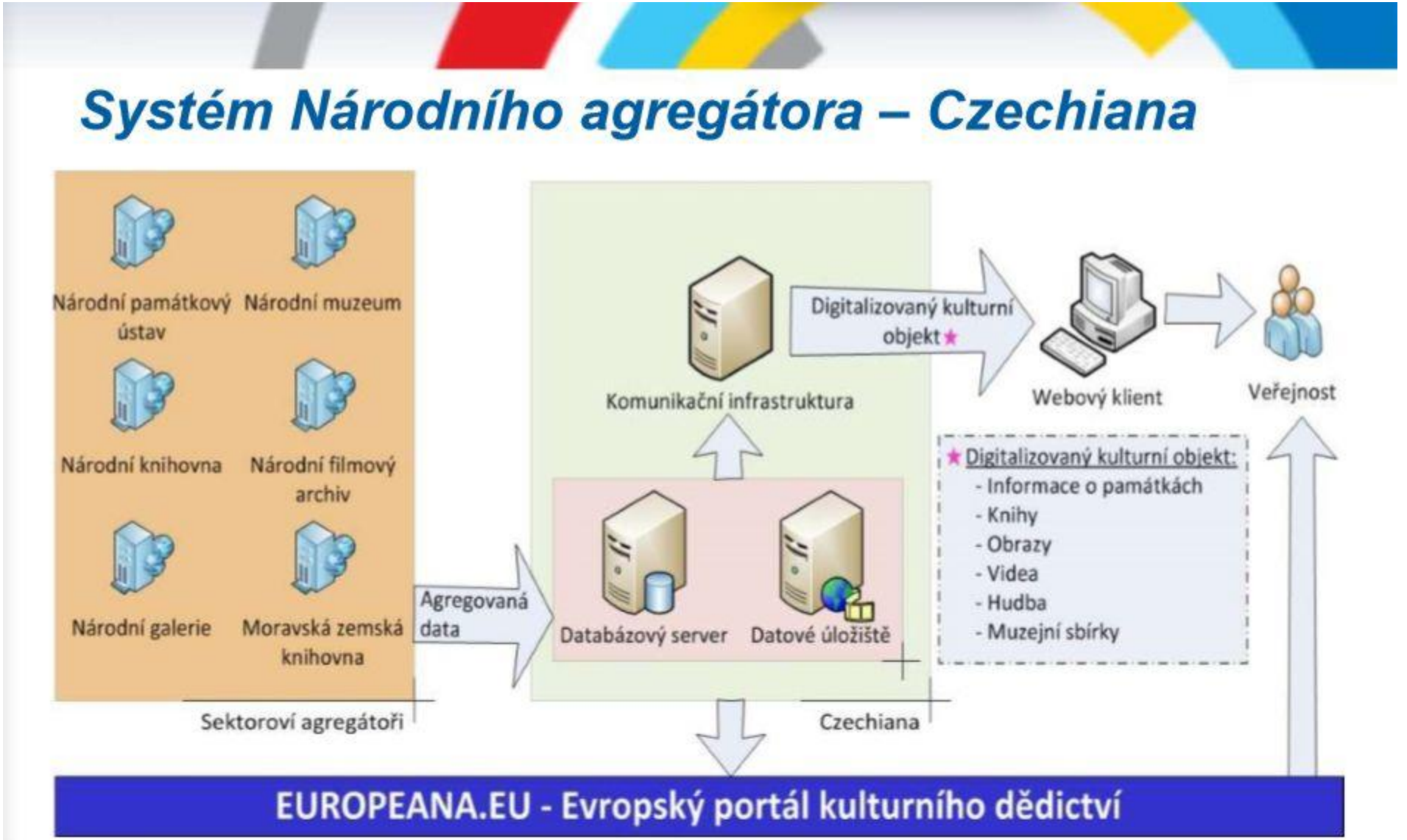
# Beyond this year's project

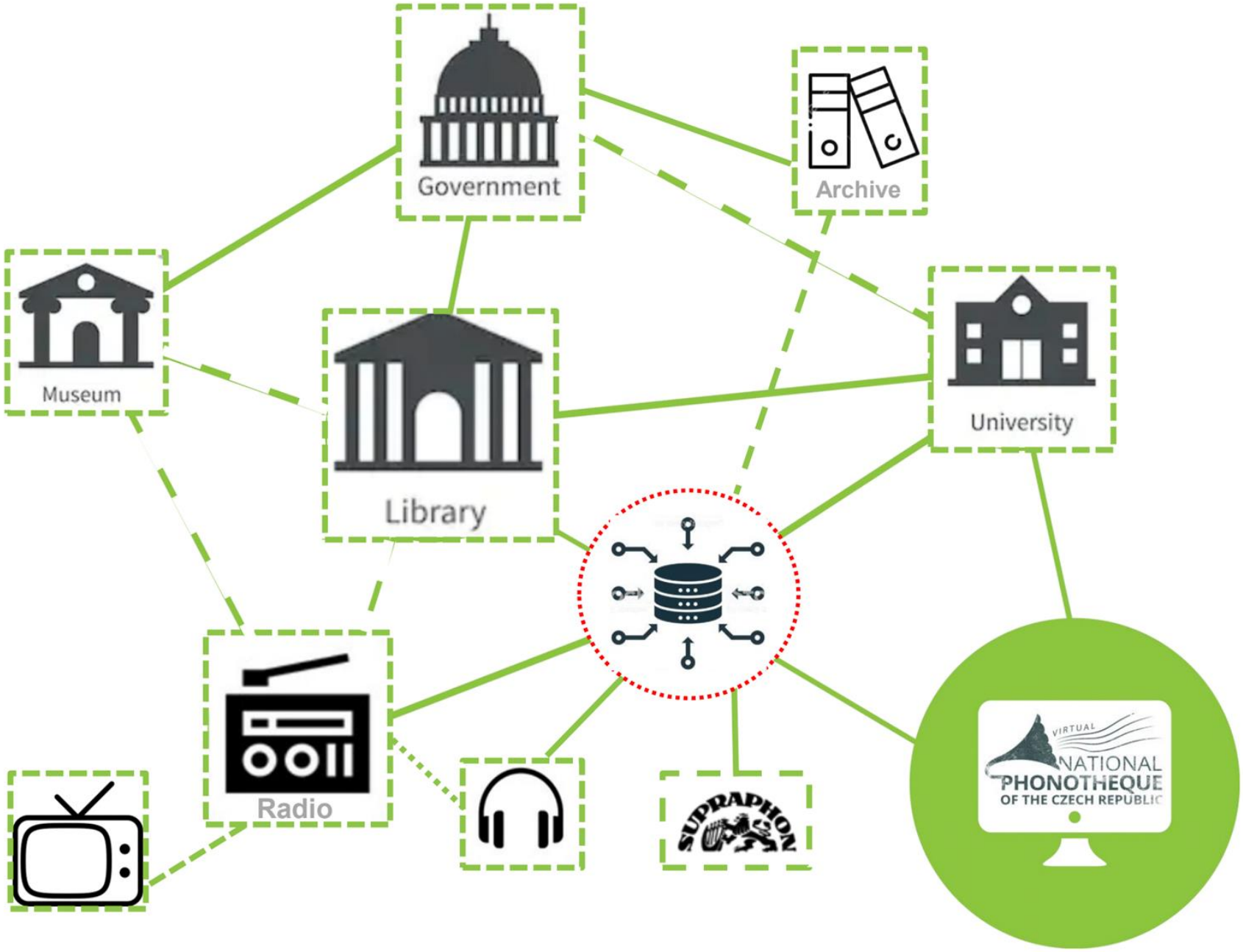
- expand cooperation beyond the Czech Republic
- attract partners from other countries
- create stable work team
- share experiences, people - help each other
- exchangeable work placements, training, workshops
- take part in training the next generation of professionals
- joint effort to preserve cultural heritage
- be a National Sound Aggregator

# VNF = Czech Aggregator for Sound

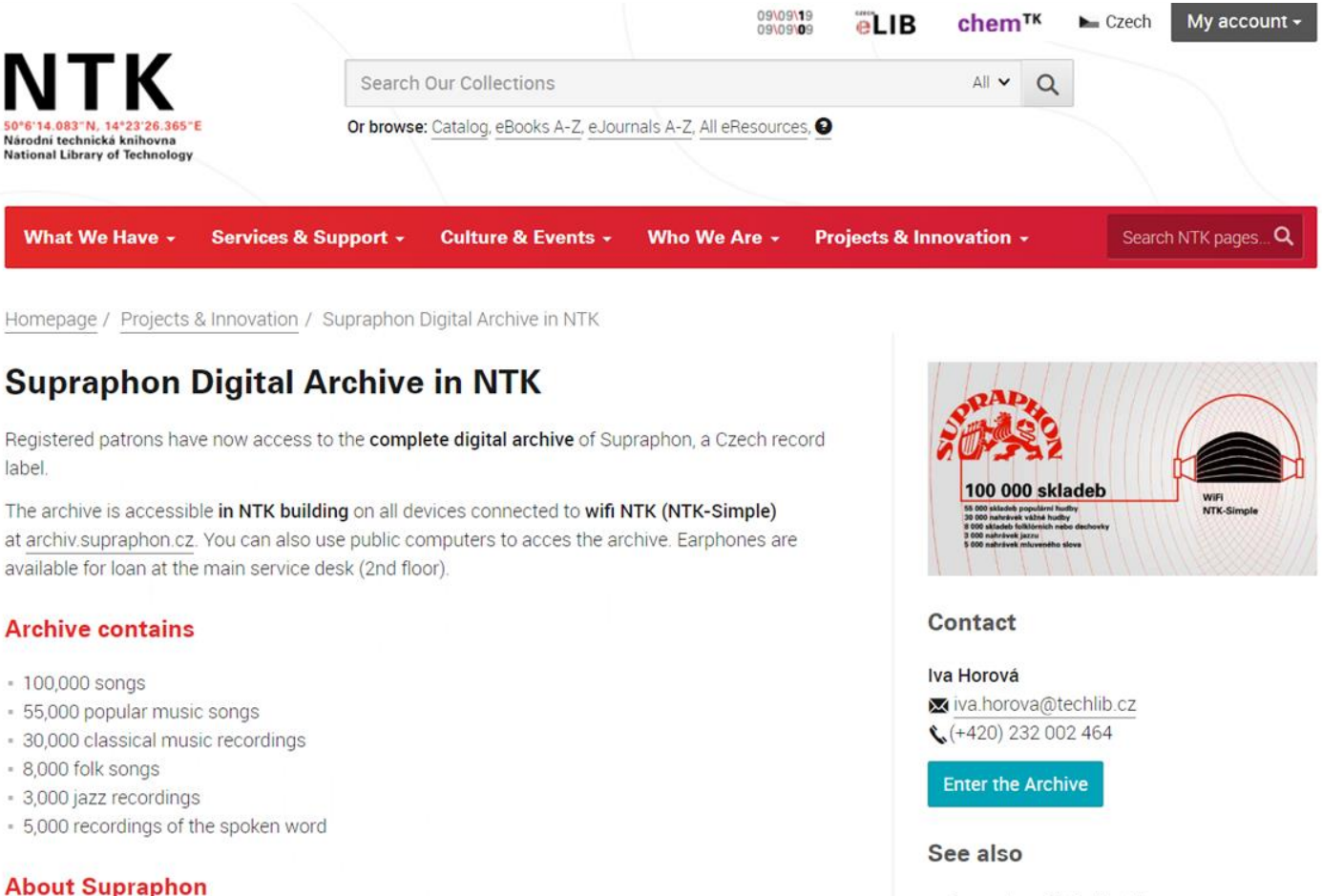
- in the frame of the Czech Ministry of Culture projects
- Czechiana as an aggregator for EUROPEANA
  - subsidy from EU: 287 762 918 Kč
  - share of domestic funds: 68 115 041 Kč
  - total costs: 355 877 960 Kč
- to promote a new model for the Czech Republic's representation abroad
- supporting the digitization of cultural content in terms of methodology and processes
- a long-term repository of metadata descriptions and presentation data for cultural objects
- 6 institutions were designated to be “subject” aggregators

# CZECHIANA


Systém Národního agregátora – Czechiana
Národní památkový ústav
Národní muzeum
Národní knihovna
Národní filmový archiv
Národní galerie
Moravská zemská knihovna
Sektoroví agregátoři
Agregovaná data
Komunikační infrastruktura
Databázový server
Datové úložiště
Czechiana
Digitalizovaný kulturní objekt
Webový klient
Veřejnost
Digitalizovaný kulturní objekt:
- Informace o památkách
- Knihy
- Obrazy
- Videa
- Hudba
- Muzejní sbírky
EUROPEANA.EU - Evropský portál kulturního dědictví


Government
Archive
Museum
Library
University
Radio
SUPRAPHON
VIRTUAL
NATIONAL
PHONOTHEQUE
OF THE CZECH REPUBLIC

- **example of cooperation between NTK + private record company: access to Supraphon Digital Archive**



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Homepage / Projects & Innovation / Supraphon Digital Archive in NTK

## Supraphon Digital Archive in NTK

Registered patrons have now access to the **complete digital archive** of Supraphon, a Czech record label.

The archive is accessible **in NTK building** on all devices connected to **wifi NTK (NTK-Simple)** at archiv.supraphon.cz. You can also use public computers to acces the archive. Earphones are available for loan at the main service desk (2nd floor).

### Archive contains

- 100,000 songs
- 55,000 popular music songs
- 30,000 classical music recordings
- 8,000 folk songs
- 3,000 jazz recordings
- 5,000 recordings of the spoken word

### About Supraphon



### Contact

Iva Horová
iva.horova@techlib.cz
(+420) 232 002 464

Enter the Archive

### See also

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# Virtual National Phonoteque

## National Aggregator

## an Umbrella for Sound

# Thank you for your attention

**Iva Horová**
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**(iva.malinova@techlib.cz)**

## https://www.narodnifonoteka.cz/

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