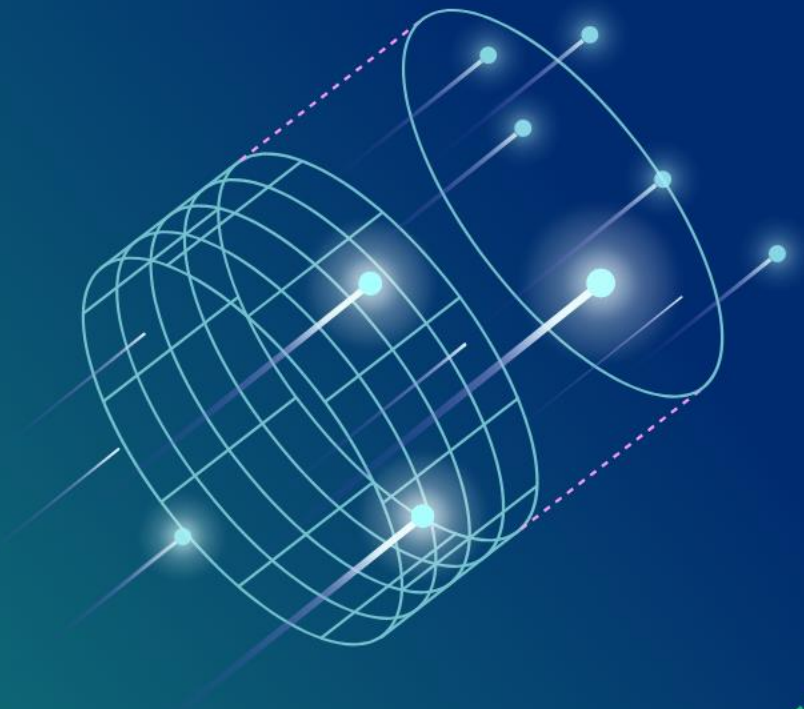
EUROPEAN BIG DATA VALUE FORUM

Pangeanic.

A Data Centric Compamy

Prague, Nov 22, 2022



ORGANISED BY:

BDV BIG DATA VALUE ASSOCIATION

IN COLLABORATION WITH:

European Commission

Plan4all

VSB TECHNICAL UNIVERSITY OF OSTRAVA | IT4INNOVATIONS NATIONAL SUPERCOMPUTING CENTER

UNDER THE AUSPICES OF:

EU2022.CZ

EUROPEAN BIG DATA VALUE FORUM

Pangeanic company

- Born in 2000, as a classical Translations company
- Tech Division starting in 2010, to work on statistical translation
- In 2015 the ML department is created
- Data department starts operations in 2016 to
  - Acquire
  - Give Value
  - Organize
  - Commercialize
- Language

EUROPEAN BIG DATA VALUE FORUM

Data Services Team

- Support & Systems (4)
  - Operate the required infrastructure
  - Provide support to customers
- ML/R&D (10)
  - Provide trained neural networks (translation, categorization, annotation, summarization, NER, transcription, image tagging...)
- Data (5)
  - Acquire data, clean, categorize and manage Pangeanic's Data Lake
- Software (5)
  - Classical software development (ECO, MTET, Pecat,...)
- Project Management (8)
  - Classical software development (ECO, MTET, Pecat,...)
- Linguists (+10.000)

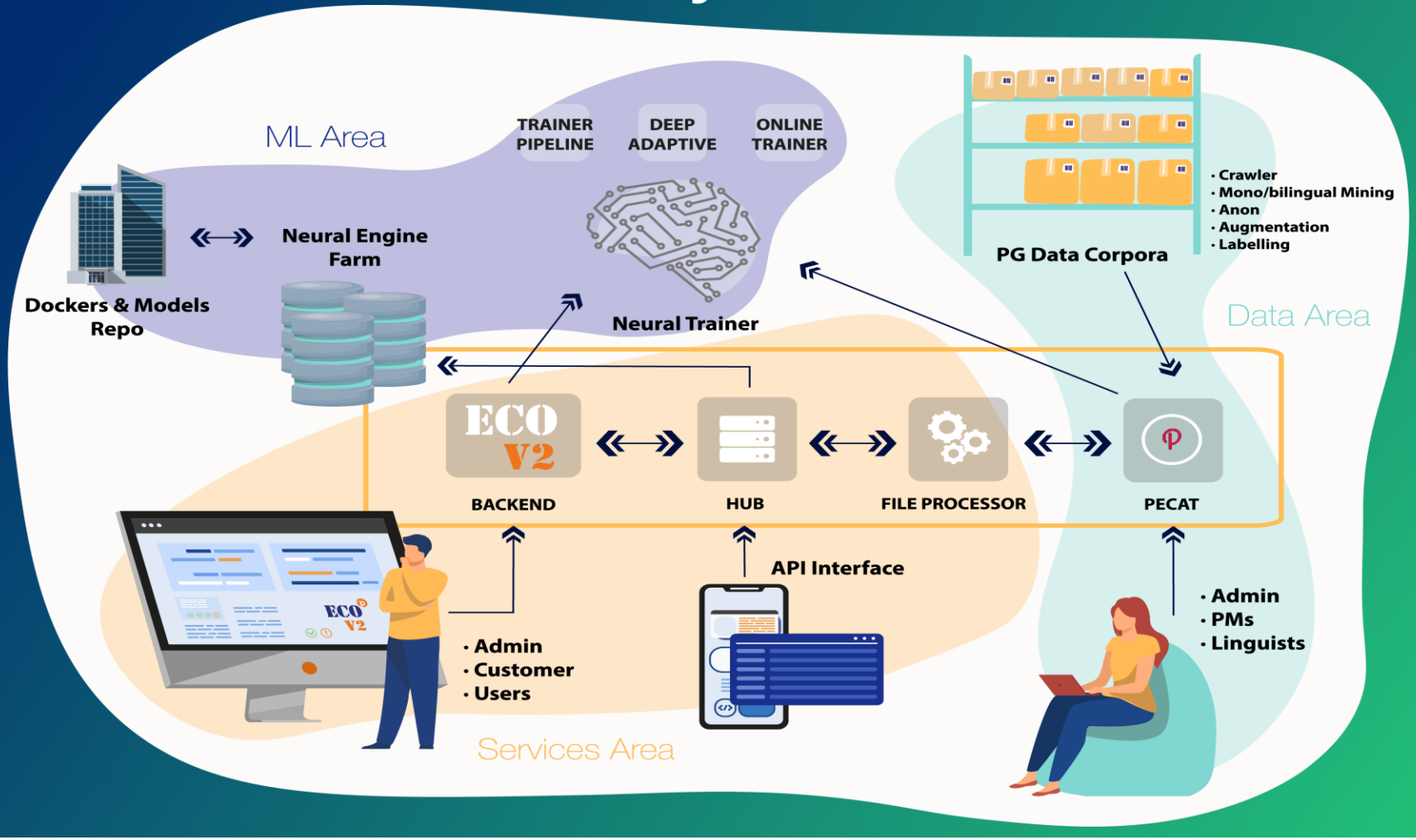
EUROPEAN BIG DATA VALUE FORUM

Data Services Models

- Services (text, voice)
  - Monolingual categorized
  - Multilingual
  - Annotated
  - Tagged
- Data Stock / Market Place
- Data Build to order
- Software platform SaaS
- Software Product (?)

EUROPEAN BIG DATA VALUE FORUM

The Ecosystem



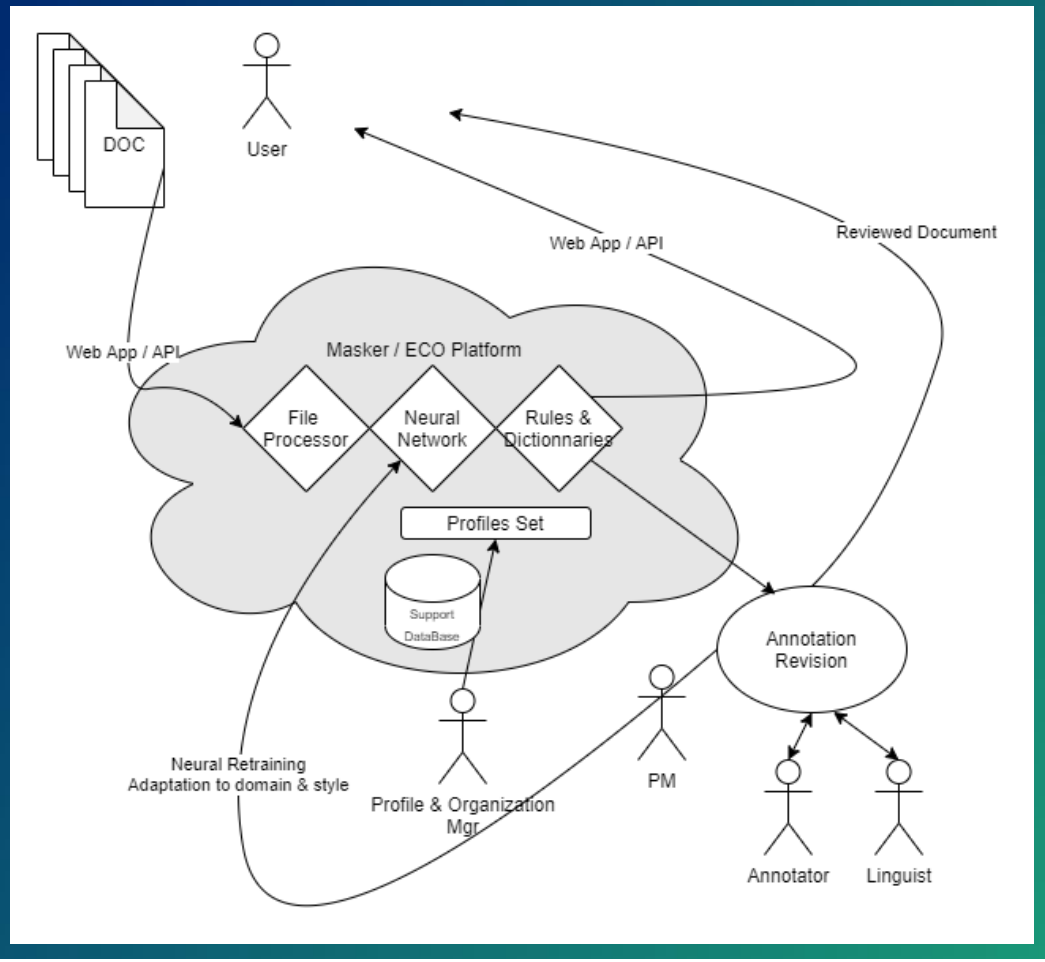
ORGANISED BY: BDV BIG DATA VALUE ASSOCIATION

IN COLLABORATION WITH: European Commission | Plan4all | VSB TECHNICAL UNIVERSITY OF OSTRAVA | IT4INNOVATIONS NATIONAL SUPERCOMPUTING CENTER

UNDER THE AUSPICES OF: EU2022.CZ

EUROPEAN BIG DATA VALUE FORUM

Human-in-the-loop



- Pangeanic excels at hybrid solutions
- Services offering ranging the fully automated to classic professional
- The approach is transversal: translation, linguistic projects and data

EUROPEAN BIG DATA VALUE FORUM

Pecat Functionalities

- Web App & Mobile App
- PM & user profiles
- On-line concurrent operation
- High scalability
- KPIs based for progress & Quality
- QA and recommenders plugins (API)
  - Classical translation projects
  - Postedition and MT evaluation
  - Tagging and annotation

- Pecat for Translation
  - Classical translation projects
  - Postedition and MT evaluation
- Pecat for NLP
  - Tagging: classification and filtering
  - Annotation: NER, PoS, custom
  - Summarization
  - Content extraction
  - Content generation
- Pecat for Voice
  - Text>Voice
  - Voice>Text
  - Tagging and annotation

EUROPEAN BIG DATA VALUE FORUM

Thank you!

ORGANISED BY:

BDV BIG DATA VALUE ASSOCIATION

IN COLLABORATION WITH:

European Commission

Plan4all

VSB TECHNICAL UNIVERSITY OF OSTRAVA | IT4INNOVATIONS NATIONAL SUPERCOMPUTING CENTER

UNDER THE AUSPICES OF:

EU2022.CZ