



THE WENET VISION

Open Call Info Webinar 1

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WENET CONCEPT

Concept



Diversity is pervasive in our everyday life and technology, despite its evolution, still cannot develop and maintain the social relationships that transcend geographical and cultural backgrounds.

WeNet addresses this gap by providing a **diversity-aware, machine-mediated paradigm of social relations**.

The goal is **connecting people** that can support each other, and the key is **leveraging their diversity**.

Concept



The WeNet paradigm includes a family of computational diversity-aware models supporting social relations, such as:

- A diversity-aware **profile building** via machine learning on users' behaviors
- A diversity-aware **search** of these profiles to connect the "right" people together.
- A diversity-aware **alignment mechanism** to support people's interactions
- A diversity-aware **incentive mechanism**

The entire paradigm is developed taking into consideration ethical and privacy guidelines.

The WeNet platform will be the basis of a series of studies within universities worldwide with diverse student populations to improve students' quality of life inside and outside the academic environment.

The WeNet consortium will develop a research infrastructure to exploit the project results and strengthen the European innovation eco-system in a worldwide perspective.



WENET OBJECTIVES & PILOTS

WeNet Objectives



The main overall goal of WeNet is to develop the culture, science and engineering, methodologies, algorithms, social interaction protocols and an online platform which will empower machine-mediated diversity-aware people interactions.



O.1) Development of the **science**, **methodology** and **algorithms** empowering **machine mediated diversity-aware people interactions**.



O.2) Development of the **WeNet online platform**, integrating and consolidating the implementation of the methods and tools developed as part of Objective O.1



O.3) Large scale **Smart University** pilot trials in 18 different University and adult school sites and involve 10,000 participants.



O.4) Community building (via a **research infrastructure**) which will expand from the consortium to all institutions worldwide



O.5) Ensure a **clear ethical guidance** for the **technology development** and the **pilot activities**

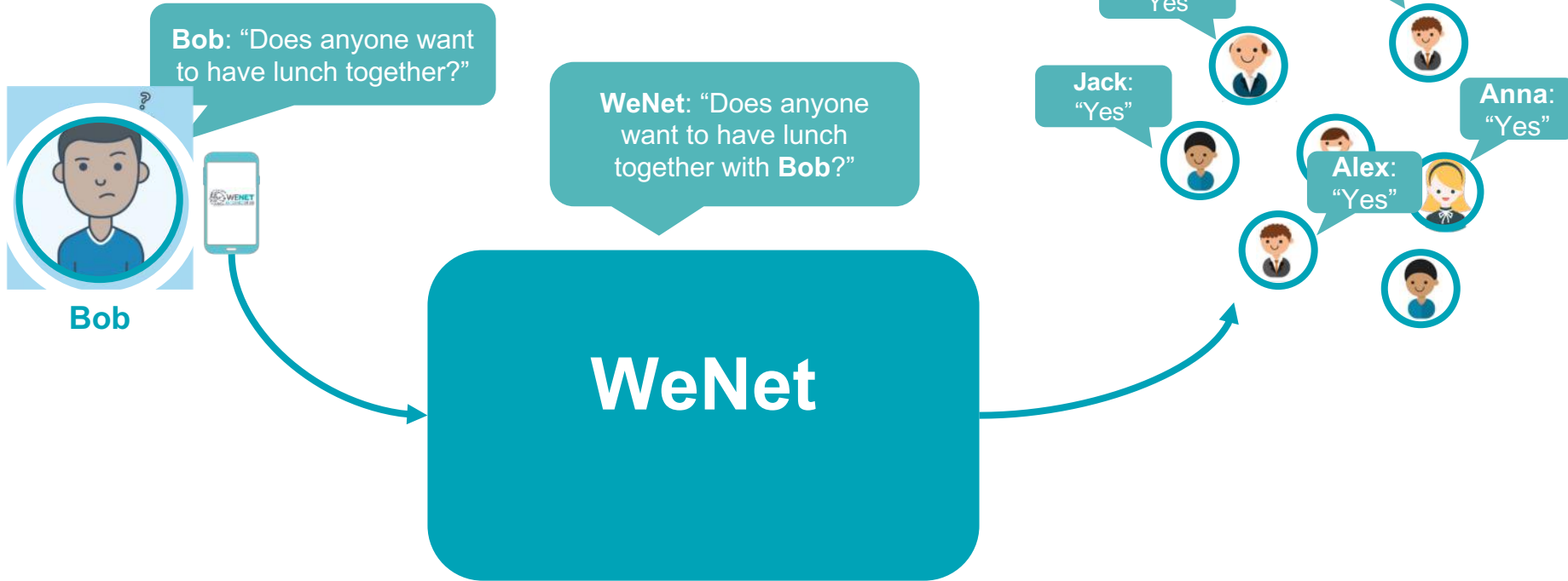
Pilots



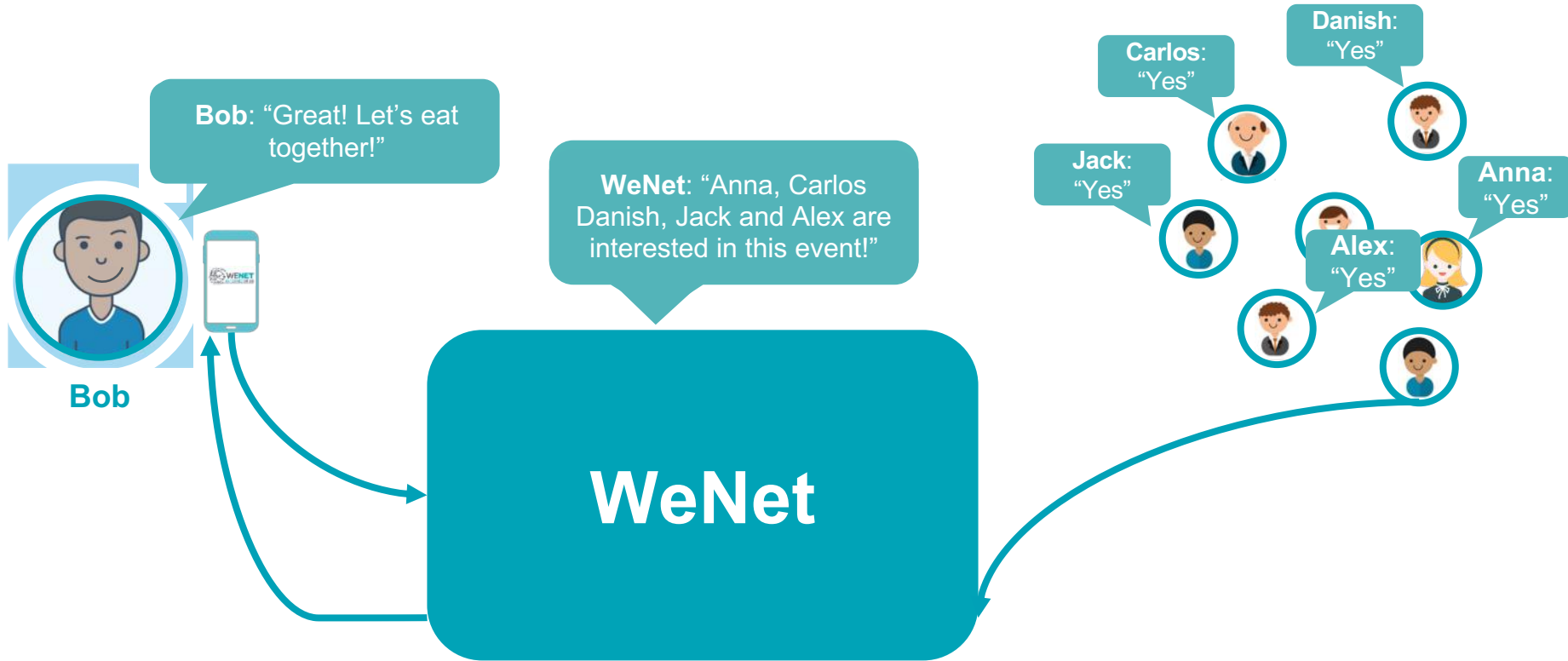


SCENARIOS

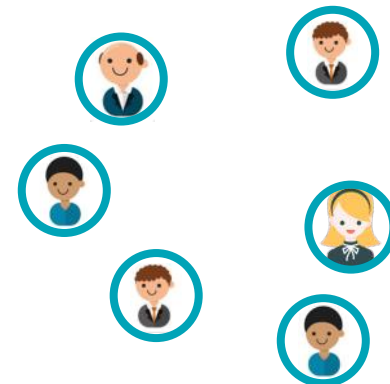
Motivating Example



Motivating Example



Motivating Example



Motivating Example

WeNet

Search the Unknown

Incentives

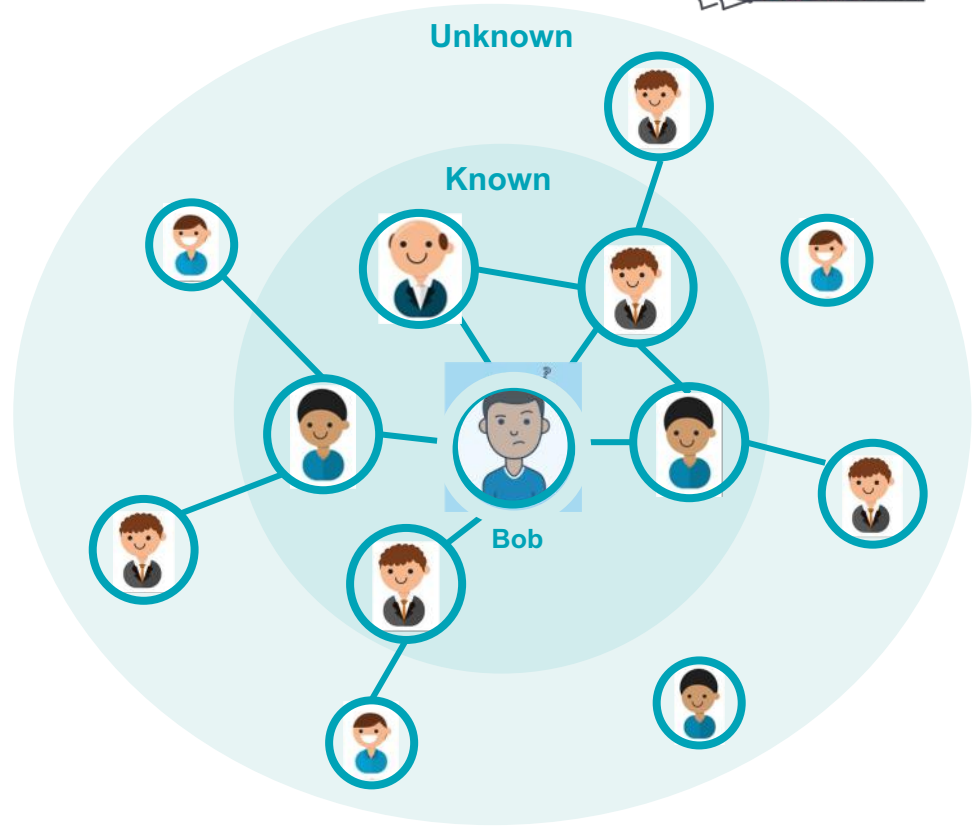
Interaction Model

Situational Context

Conversational Context

Diversity

Ethics



Motivating Example

WeNet

Search the Unknown

Incentives

Interaction Model

Situational Context

Conversational Context

Diversity

Ethics

WeNet: "Does anyone
want to have lunch
together with **Bob**?"

WeNet Incentives



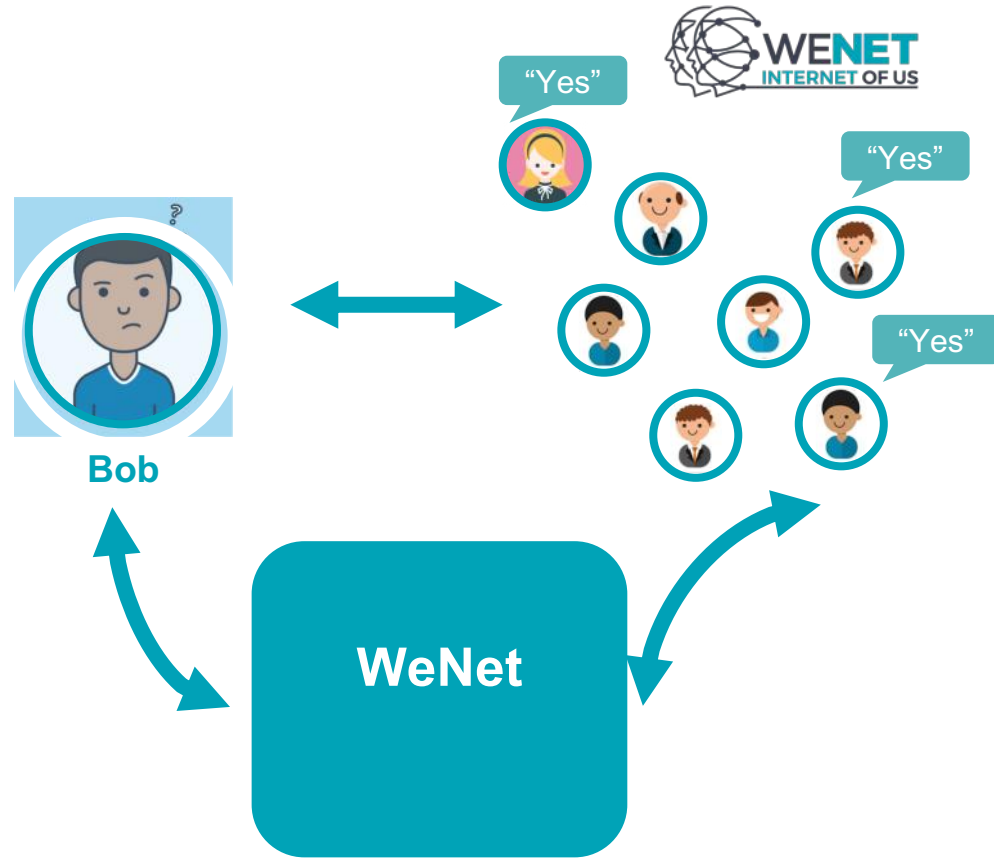
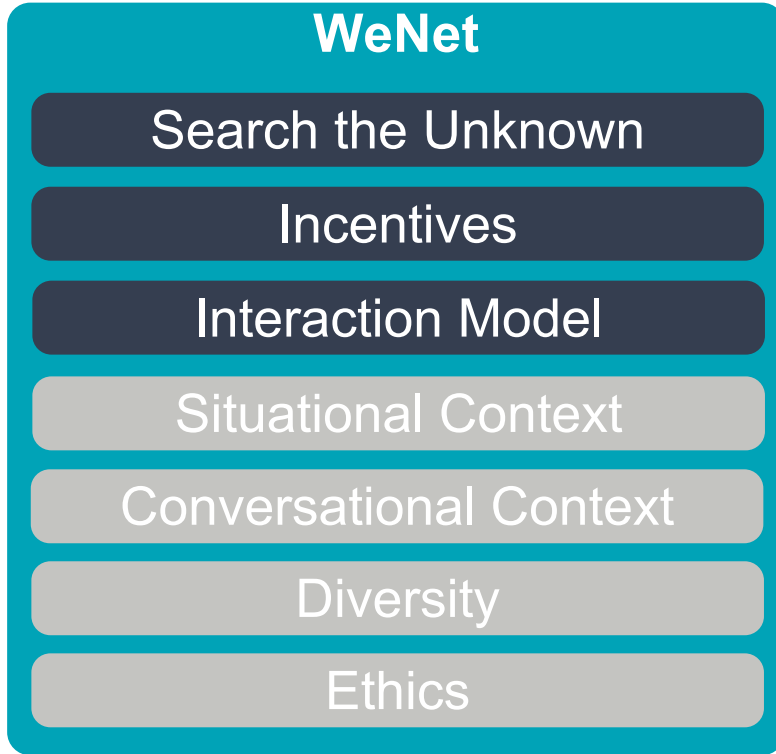
Carlos:
"Yes"



Anna:
"Yes"



Motivating Example



Motivating Example

WeNet

Search the Unknown

Incentives

Interaction Model

Situational Context

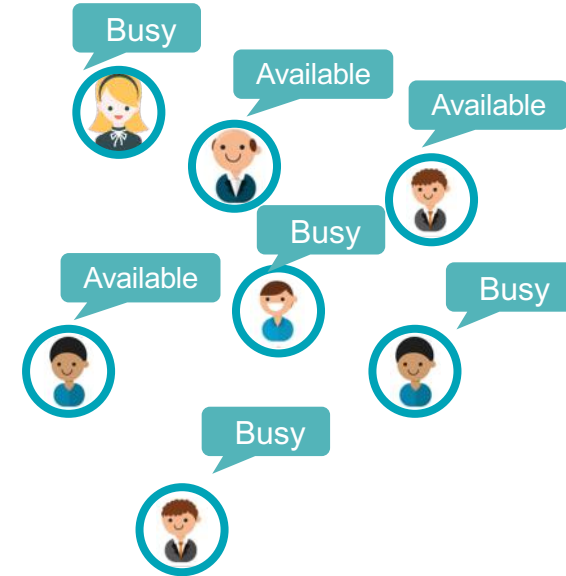
Conversational Context

Diversity

Ethics



Bob



Motivating Example

WeNet

Search the Unknown

Incentives

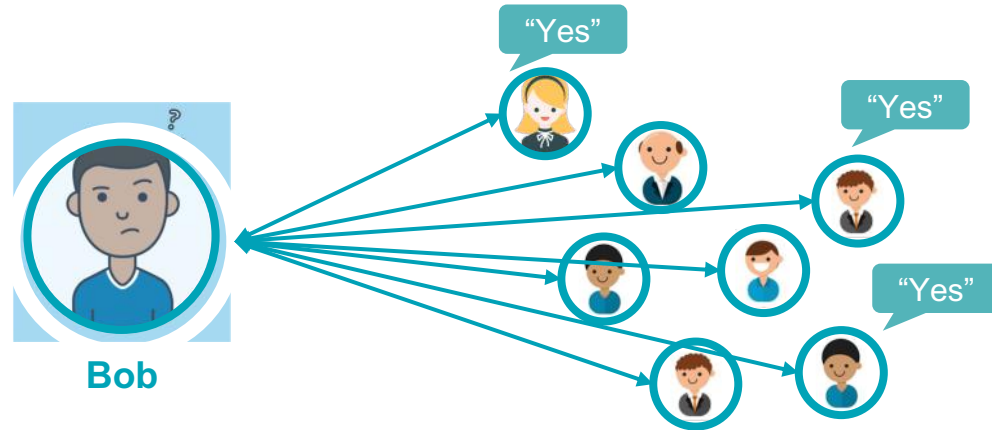
Interaction Model

Situational Context

Conversational Context

Diversity

Ethics



Motivating Example

WeNet

Search the Unknown

Incentives

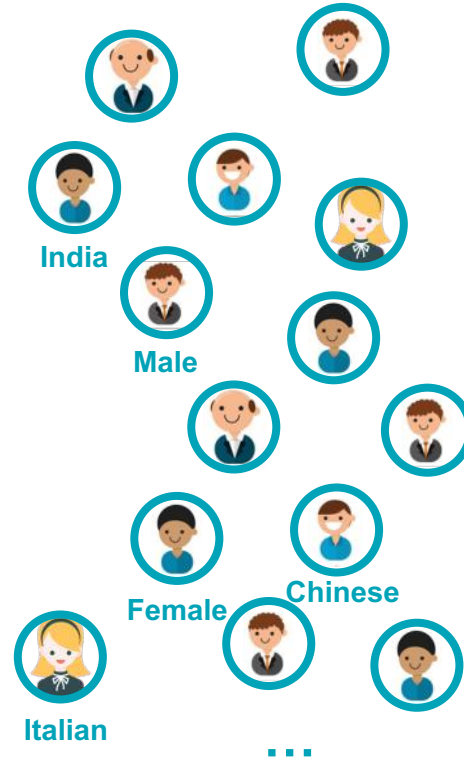
Interaction Model

Situational Context

Conversational Context

Diversity

Ethics



Diverse in:

Visible properties:

Gender
Nationality
Age
Role ...

Deep properties:

Personality
Culture
Competence
...

Motivating Example

WeNet

Search the Unknown

Incentives

Interaction Model

Situational Context

Conversational Context

Diversity

Ethics



Bob



Anna

WeNet

Private
Profile

Public
Profile

Ethics (gender,
Nationality...)

More Scenarios



Consortium



GET IN TOUCH



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THANKS FOR YOUR ATTENTION