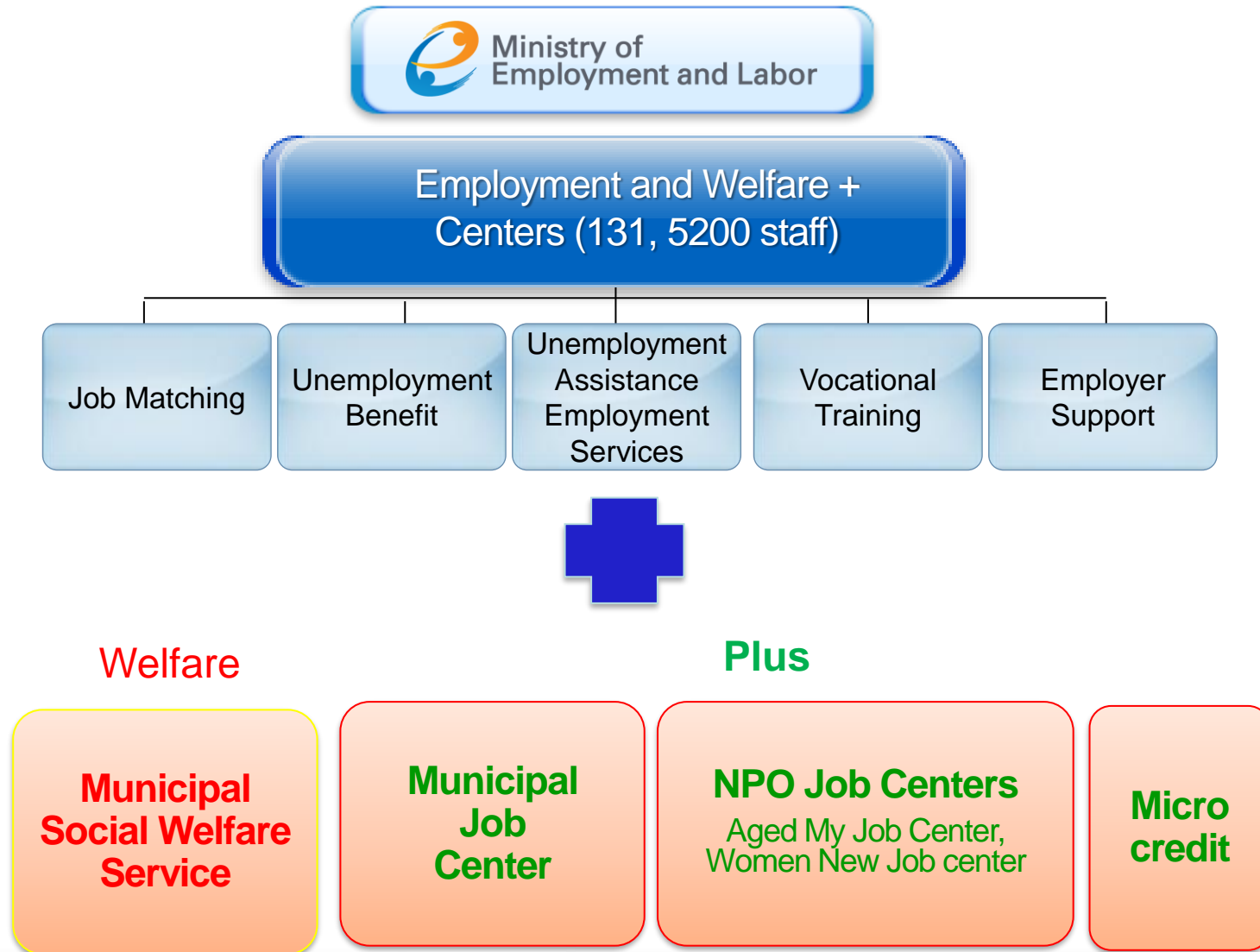


# The digitalization of PES for inclusive services for disadvantaged

Sang Hyon Lee  
KEIS

# PES of Korea



# Job centers of Korea



GYM and Karaoke room

# Nambu Job center facilities



## Who we are... The vision of KEIS

Leading organization of “digital” based employment information for linking workers and jobs.



# Major information systems of KEIS

Job matching and career development platform WorkNet

Unemployment insurance system EI

Vocational training system HRD-Net

Migration workers support systems – EPS

Digitalization of PES services and administration became critical in the time of COVID-19

Speed of digital transformation became priority



# Big data center

2021 Newly established

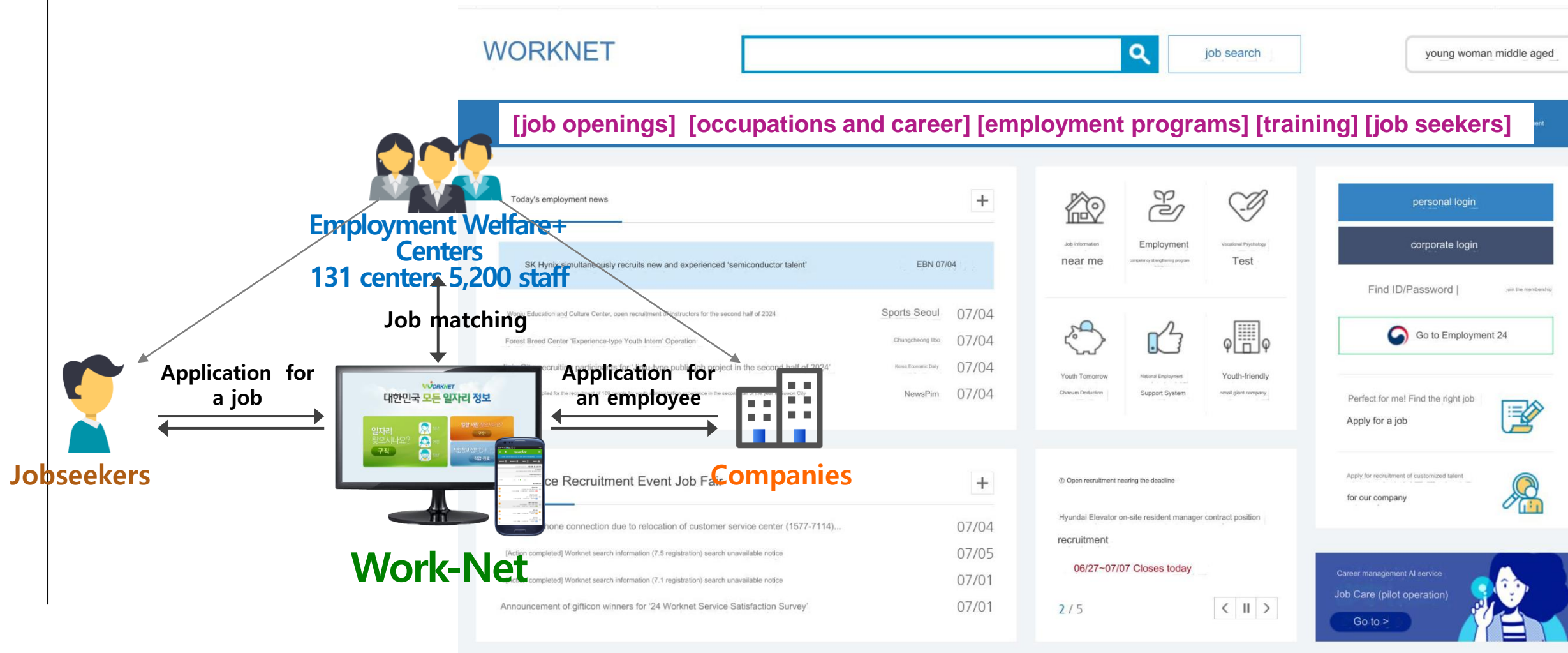
17 staff, 6 Ph.D. (1 business management,  
1 statistician, 1 economist, 3 computer scientists)

and 11 software engineers

big data, A.I., machine learning,  
data analytics, etc.



# What is WorkNet?





# Milestones of WorkNet

- 1987 Text based job placement DB services
- 1998 Web based WorkNet
- 2010 Mobile application services
- 2013 Master database management system  
(Merging UI, Job matching, HRD, Welfare etc...)
- 2019 Chat-bot services
- 2020 AI job matching service
- 2021 AI Job Care service
- 2024 Employment 24

## Cumulative Download number of Worknet Application

**11.4** million

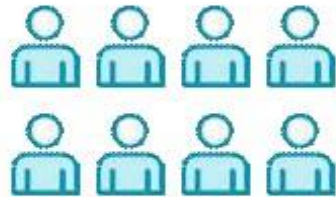


## 2023

Job openings	2,904,899
Job seekers	4,776,288
Job placements	1,617,934

## Daily Average number of Visitors

**1,050,000**



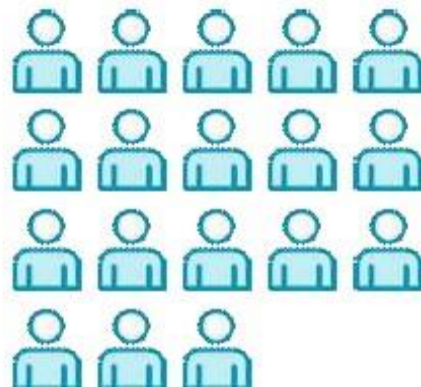
## Registered Integrated Corporate Information

**2.08** million



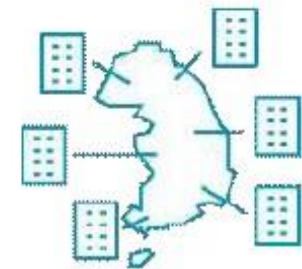
## Worknet Members

**7.69** million



## Partners

**24**  
**organizations**



# Mobile WorkNet

- Jobs around you



## Youth service

WORKNET 청년

홈 채용정보 기업정보 청년뉴스

최다조회 최다지원 최다원 최고임금

최다조회 채용정보 더보기 >

엠에스산업(주) | 식품업체 품질관리 / 품질보증 / 신입

(주)서울조구 | 캐드 및 3D 프로그램 사용자

동일알루미늄(주) | 지게차 운전원

청년뉴스 더보기 >

한화 화약-방산부문, 하반기 대졸신입 채용

한진, 신입사원 200명 공채...22 ~ 26일 원서접수

경남교육청, 특성화고 맞춤형 채용박람회 열어

기업탐방

입소초 | 서울 금천구

(주)수창미디어 | 광주 남구

## Company information

WORKNET 청년

홈 채용정보 기업정보 청년뉴스

강소기업 지역별 업종별 기업규모별

아름다운가게 | 서울 성동구 용답동 [공소]

관심기업 작게 크게

기업정보 탐방기 재무정보 기업평가 채용정보

회사소개

아름다운 가게는 주로 기증받은 물품을 재판매하여 수익금을 기부, 그 수익금을 사회에 배분하는 일을 하는 사회적 기업입니다. 물품을 재제조하기도 하고, 공익 상품의 생산에서부터 유통 판매까지 관리하는 온오프라인을 아우르는 국민 상점입니다.

## Details of job openings

WORKNET 청년

직종별 지역별 기업형태별 맞춤채용

(주)브리지텍

클러스터 솔루션 개발(VR, 녹취) 채용시까지

관심하기 공유하기 이력서 열람하기

모집요강 근무환경 기업정보 채용담당

관심기업 작게 크게

모집요강

모집직종 시스템소프트웨어개발자 [직업정보]

관련직종 시스템소프트웨어 및 운영체제 프로그래머, 응용 소프트웨어개발자(응용프로그래머)

직무내용

- 전문대졸 이상인자로 전산, 컴퓨터 등 관련 전공자
- 개발 관련 경력 2년차 이상자
- OS : Unix(Solaris) 기반
- Window app, C#, net 개발 통신
- 기타 : Network 지식 확보

교육을 위해 서울 근무시 별도의 채용비용(서울시 소비자물가 최대반영, 숙박 / 식대 / 교통비 등)을 월 단위로 지급합니다. \*\*급여외 인센티브는

## Individual service

WORKNET 청년

테스트님 환영합니다

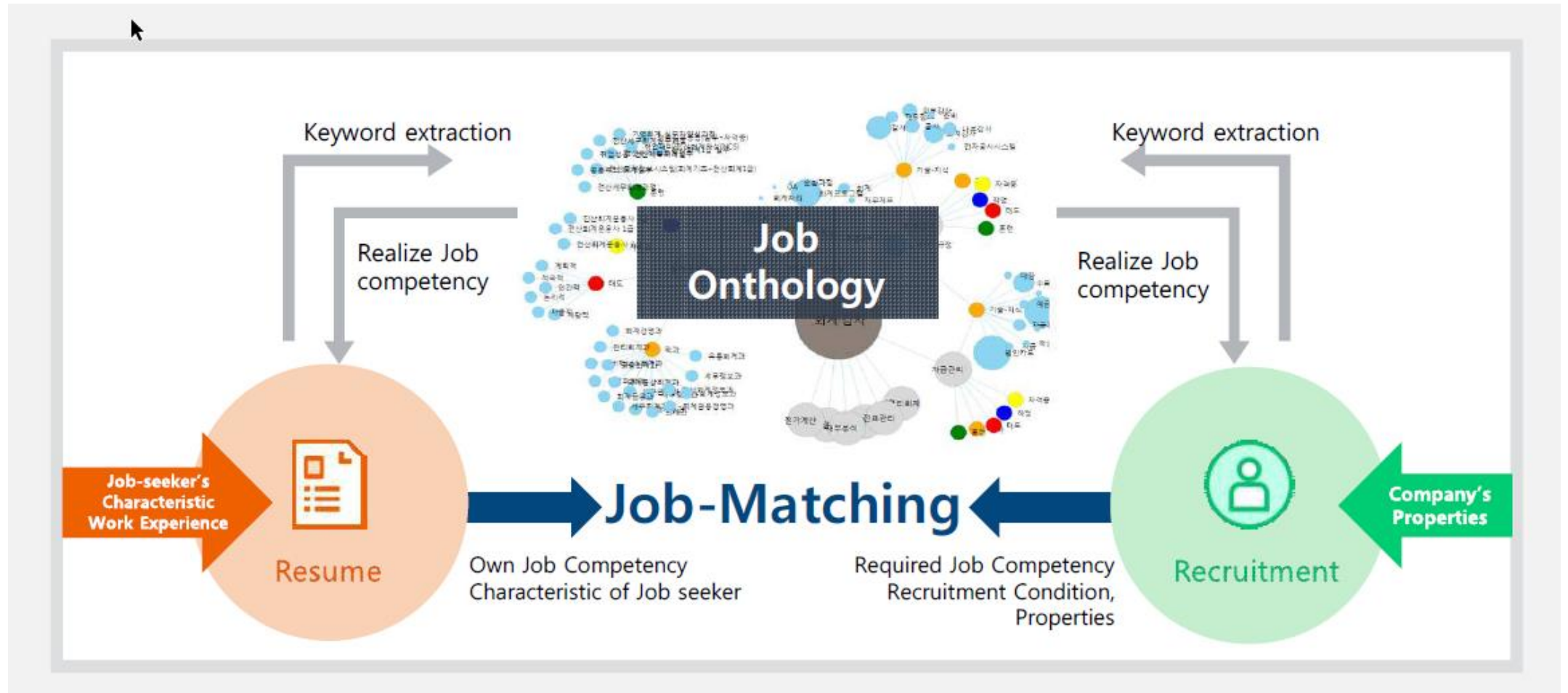
내 이력서 열람하기 2

내 이력서 열람하기 70

개인회원

- 내 이력서 관리
- 내 이력서 열람기업
- 내가 입사지원한 내역
- 나에게 입사지원 제외한 기업
- 알선된 내역
- 내가 찜한 채용정보
- 내가 등록한 관심기업
- 대학 청년 고용센터

# A.I. job matching since 2020



# A.I. Job Care 2021

- The AI career counseling system 'Job Care' plays a role in finding and recommending a large amount of information to assist the role of job counselors. 'Job Care' is a comprehensive career management support service that started with the idea of providing customized service to individual job seekers using big data and artificial intelligence technology. The concept of 'health care', where we receive management and counseling service to maintain our health, was applied to career management.
- The purpose of the service is to classify customer targets by life cycle from the labor market point of view, and to present a career roadmap by competency level after analyzing labor market information and information needed for competency assessment so that job seekers can manage their own careers.

# ChatGPT v.s. Human Career Counsellors



Occupations, Career, finding jobs, Counselling, Information, WorkNet, Interest

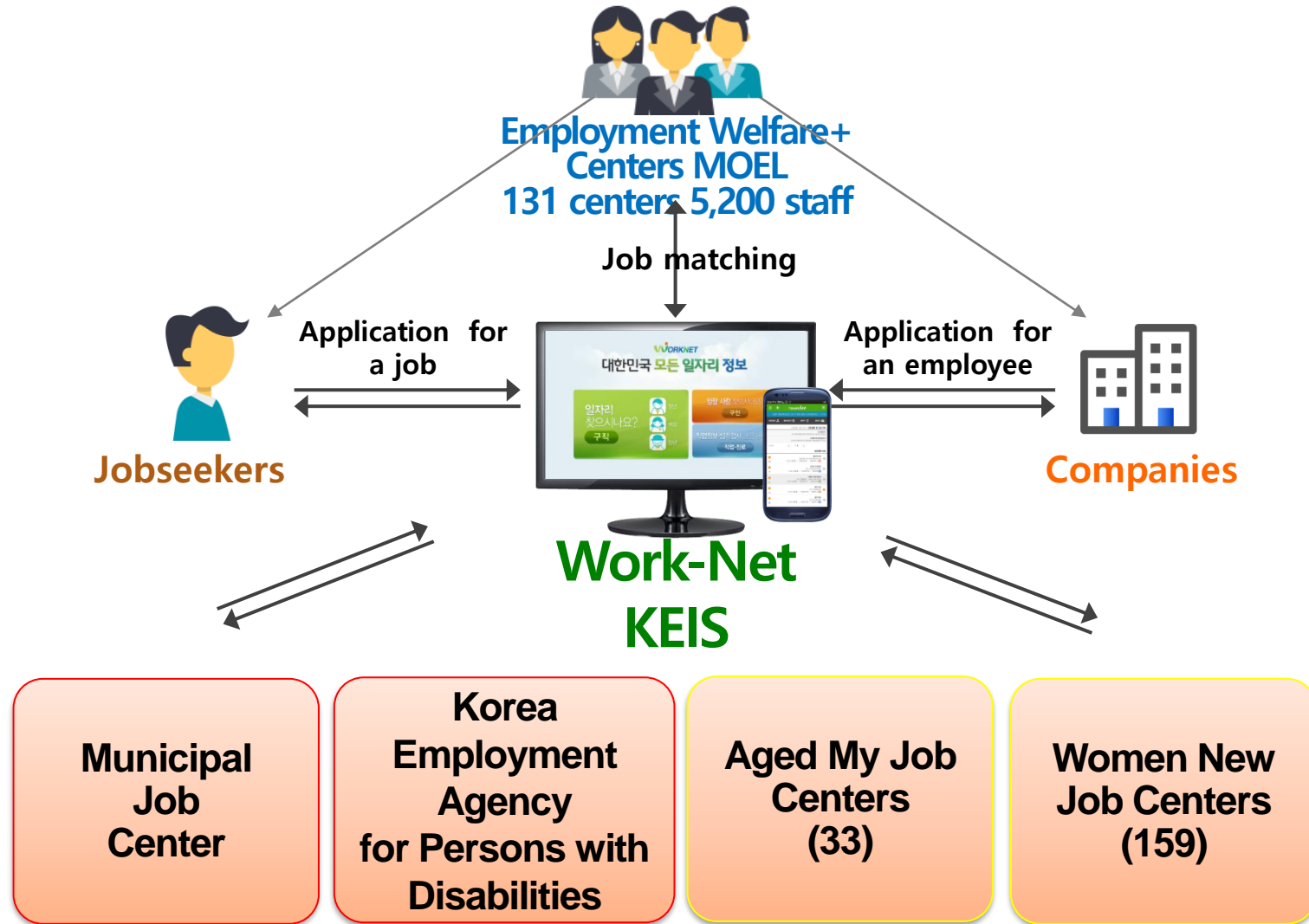


Finding jobs, Skill, Occupations, Counselling, Methods, Qualification, Major, Prepare, Goal

# Employment 24

- 「Employment 24」 is an integrated portal of various sites such as WorkNet, Employment Insurance, and Vocational Training Portal (HRD-Net) and more. (Pilot, March, 2024)
- The mobile 'Application for various 'Employment Support Programs' online PES
- ① safely and conveniently login based on biometric information such as fingerprint recognition, and ② you can easily find out about job openings around you through location-based services. ③push service, you will be able to receive customized guidance

# Partners of WorkNet





# Korea Employment Agency for Persons with Disabilities



# Korea Employment Agency for Persons with Disabilities

- Provides job placement, the PWD employment success package, internship and employment support for workers with severe disabilities.
- One-stop shop approaches for the provision of all services for persons with diverse disabilities
- Using same server and data with WorkNet
- Dual [Disabled] preferred job openings : find and registered KEAPD exclusive job openings

# Aged My Job Centers

- Using same server and data with WorkNet
- Step by step training for digital and mobile WorkNet literacy for aged
- Program contents
  - Using mobile WorkNet
  - Using mobile fax
  - Using ZOOM



**Thank You**