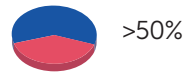


## Future demand of ICT-professionals

**Intermediate vocational education**



**Higher vocational education/Universities**



### Vacancies



20% Intermediate vocational education

80% Higher vocational education/Universities

## Region

The ICT-sector is strongly represented in:



**Amsterdam**

**Utrecht**

**Eindhoven**

These regions also have the largest shortages.

## How?

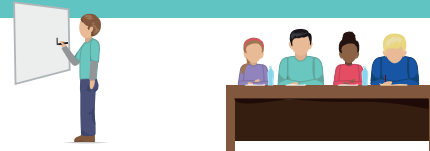
### Improve coordination between supply and demand

- A. Increase the number of students in ICT-education.
- B. Increase active collaboration of business in education.



### Improve life long learning

## ACTION



### 1 Stimulate the awareness and interest of pupils and students

- ! - Regional guest lecturers on Big Data, Cloud and Cyber Security by ICT-professionals

### 2 Labour market research

- ! - Insight into shortages in competences and career opportunities of ICT-professionals

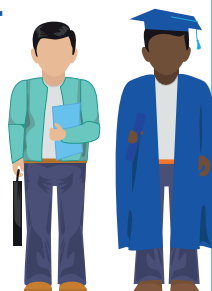
### 3 More Centres of Expertise and Centres for Innovative Craftsmanship with a focus on ICT.

- ! - Regional ICT-centres focused on Big Data, Cloud and Cyber Security



### 4 Scholarships/Grants for excellent students

- ! - ICT-scholarships/grants in 2016 and 2017



### 5 Reduce the shortage of ICT-lecturers

- ! - Different initiatives to stimulate ICT-skills of current teachers and to involve ICT-professionals in education

### 6 More and improved internships and placement opportunities.

- ! - Regional collaboration between education and companies

### 7 Invest in educational opportunities

- ! - Public private partnerships to stimulate regional Human Capital Agenda's ICT



### 8 More focus on the personal career development of ICT-professionals

- ! - Increase employability and mobility of ICT-professionals with a focus on life long learning

