### **IRELAND'S FUTURE ECONOMY** TECHNOLOGY, TALENT AND EMERGING OPPORTUNITIES

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# WORLD IS CHANGING



- Artificial Intelligence
- Internet of Things
- Blockchain
  Ouentum Commu
  - Quantum Computing



Human Relationship with Technology changing

# WORLD IS CHANGING

- Half of the companies on the Fortune 500 in 2000 have disappeared
- Changing citizen's expectations
- Pace of skills obsolescence
- 85% of the jobs in 2030 haven't been invented yet

### IMPLICATIONS ON WORKFORCE DYNAMICS

#### SUPPLY

- Technical skills change @ speed
- Human centric skills
- Future Proofing skills is critical

#### DEMAND

- Digital natives will have 5 careers and 20 jobs
- Freelance, crowdsourcing, flexible
- 66% by 2020 will have multiple income sources



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# MY ASPIRATION FOR IRELAND

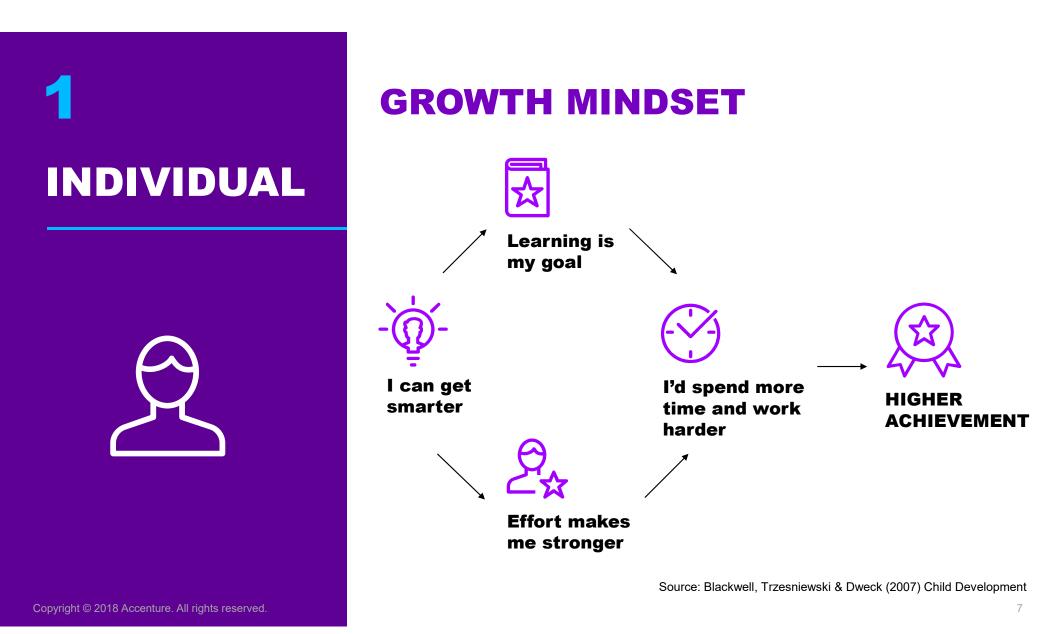
INCLUSIVE FUTURE OF WORK

ALL WORKERS HAVE MOTIVATION MEANS OPPORTUNITY

**THRIVE IN THE NEW ECONOMY** 



1	2	3
INDIVIDUAL	GOVERNMENT	ECOSYSTEM
		V    V



## 2 GOVERNMENT



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#### HUMAN-CENTRIC, CROSS DEPARTMENTAL



NO REGRETS

- 1. Lifelong learning and pathways to new employment
- 2. Avoid broader Digital Divide
- 3. Redefine full employment



#### **BIG BETS**

- 1. Future Skills assessment opportunities and vulnerabilities
- 2. Rethink traditional learning systems
- 3. What will Ireland be famous for in 2030?

### **3** ECOSYSTEM



### **A new Model for Partnership**



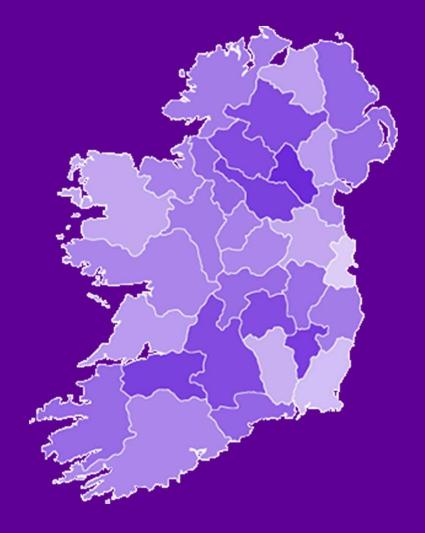
Industry rethinking how to prepare workforces – link with education and government



Creating enterprise and increasing innovation – start-ups, industry, government

### THE PACE OF CHANGE WILL NEVER BE AS SLOW AS IT IS TODAY

### WE MUST ACT NOW



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# 99 TOMORROW BELONGS TO THOSE WHO CAN HEAR IT COMING 99 - DAVID BOWIE