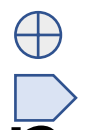# Report of Preliminary survey of e-learning for Africa Kaizen

Kaizen

JICA Global Kaizen Network Survey team
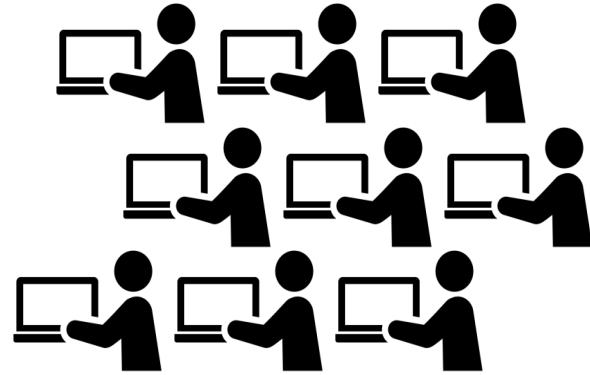
AKAC 2023

e-learning is a powerful tool to spread Kaizen
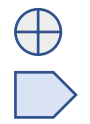
COVID-19

e-learning

many people,
companies and organizations,
countries

Kaizen

Purpose of the Survey

Kaizen e-learning

1. Implementation situation of e-learning in Kaizen institutions
2. e-learning usage environment in countries
3. Awareness and usage of e-learning in countries
4. Needs and plans of e-learning for Kaizen institutions

Method of the Survey

- Questionnaire
- Aug. 2023

| Country	Country code	Name of Kaizen/QPI promoting institutes/units
Botswana	BW	Botswana National Productivity Centre (BNPC)
Burkina Faso	BF	Burkina Association for Quality Management (ABMAQ)
Cameroon	CM	SME Promotion Agency (APME)
Ethiopia	ET	Kaizen Excellence Center (KEC)
Kenya	GH	Kenya Institute of Business Training (KIBT)
Ghana	KE	Management Productivity Development Institute (MDPI)
Mauritius	MU	National Productivity and Competitiveness Council (NPCC)
South Africa	ZA	Productivity SA
Tanzania	TZ	TANZANIA KAIZEN UNIT (TKU)
Tunisia	TN	CETTEX
Zambia	ZM	KAIZEN Institute of Zambia (KIZ)
		National Productivity Development Department, Zambia

1. Implementation situation of e-learning in Kaizen institutions

Online lectures
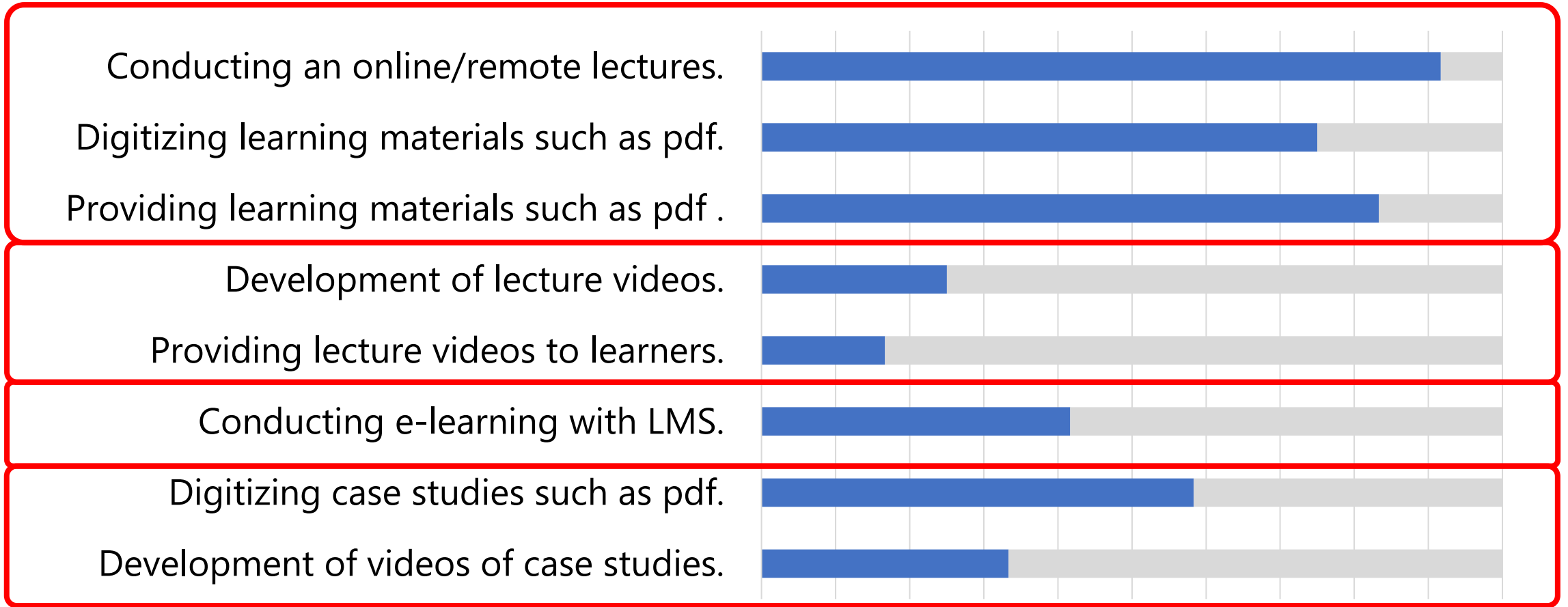
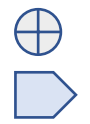Digitizing learning materials
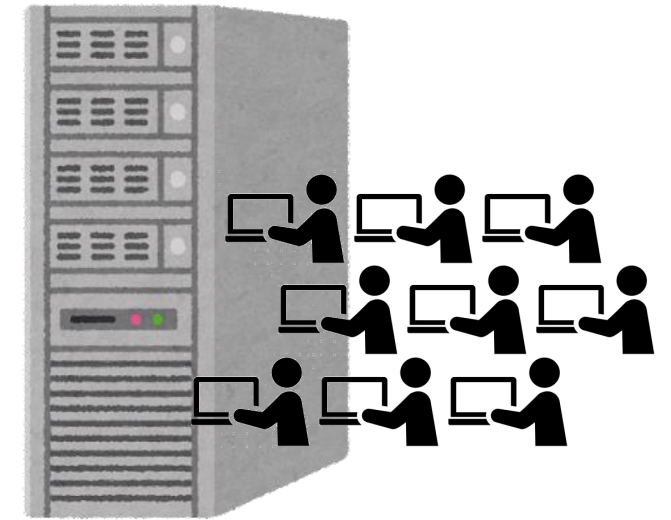
e-learning with LMS

Current result of e-learning/online lecture/digital materials


0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Conducting an online/remote lectures.

Digitizing learning materials such as pdf.

Providing learning materials such as pdf .

Development of lecture videos.

Providing lecture videos to learners.

Conducting e-learning with LMS.

Digitizing case studies such as pdf.

Development of videos of case studies.

■ Done ■ Not yet

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Digital materials Kaizen institutions developed

	Total	BW	BF	CM	ET	GH	KE	MU	ZA	TZ	TN	ZM
Number of lecture videos	20	3						14		2	1	
Number of learning materials(pdf)	96	3	10		4	40	10	3	6	5	7	8
Number of case studies (pdf)	108	5	8		20	15		21	10	2	7	20
Number of videos of case studies.	21	2					2	2	6	3		6
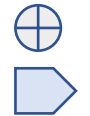
2.e-learning usage environment in countries
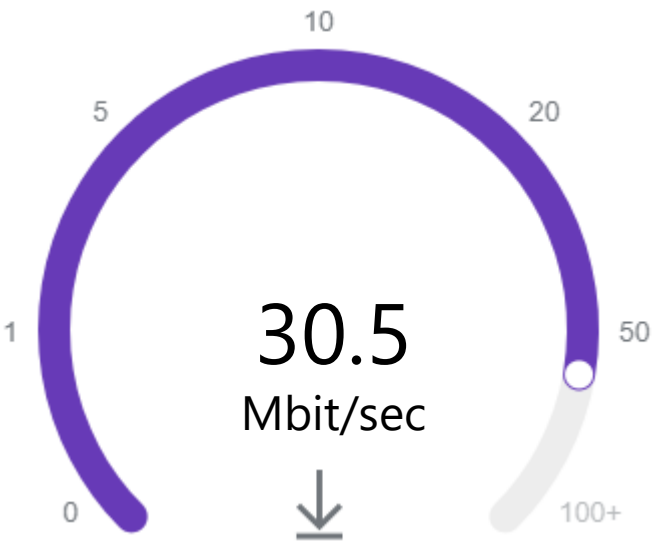

Speed

Fixed broadband
Mobile

Devices
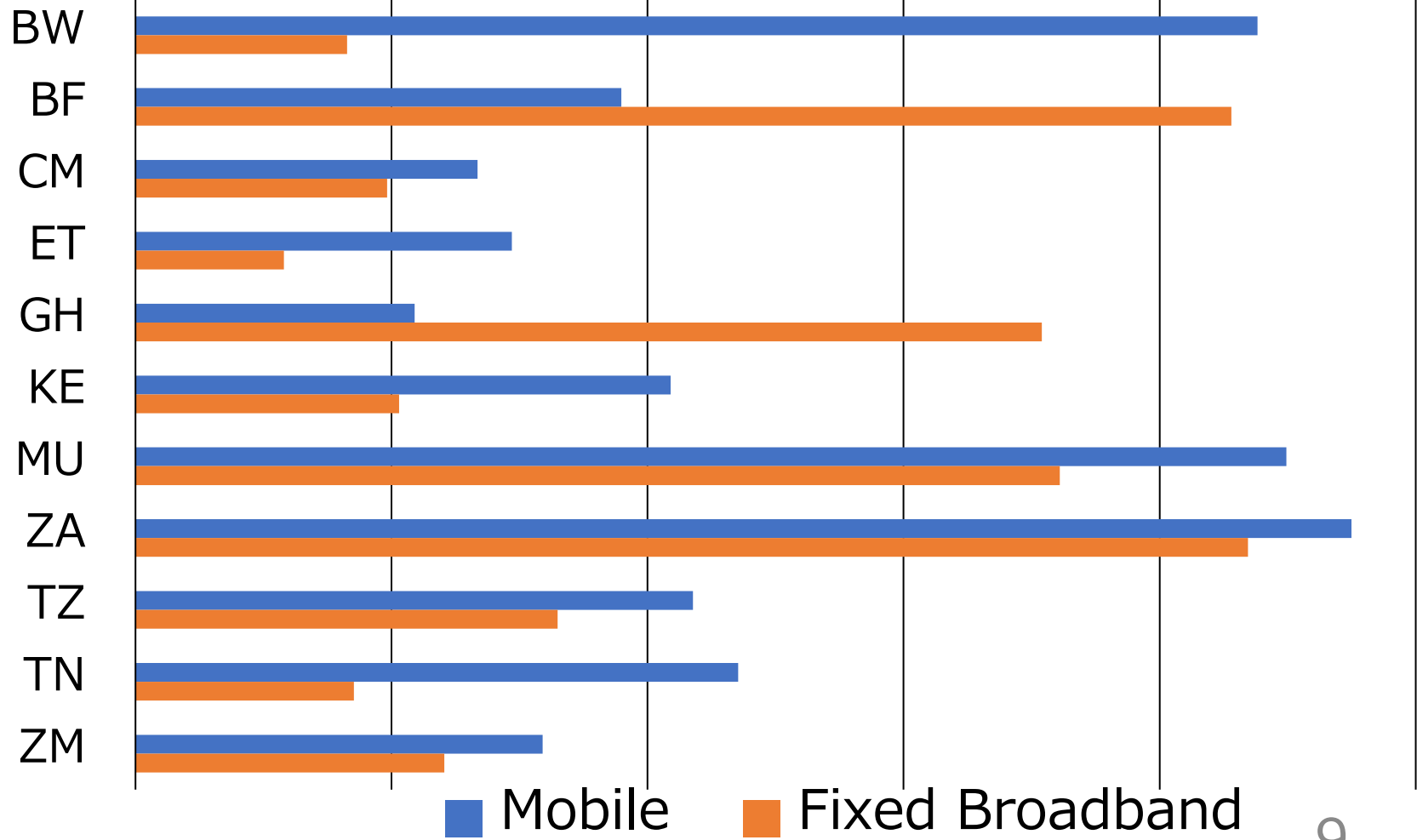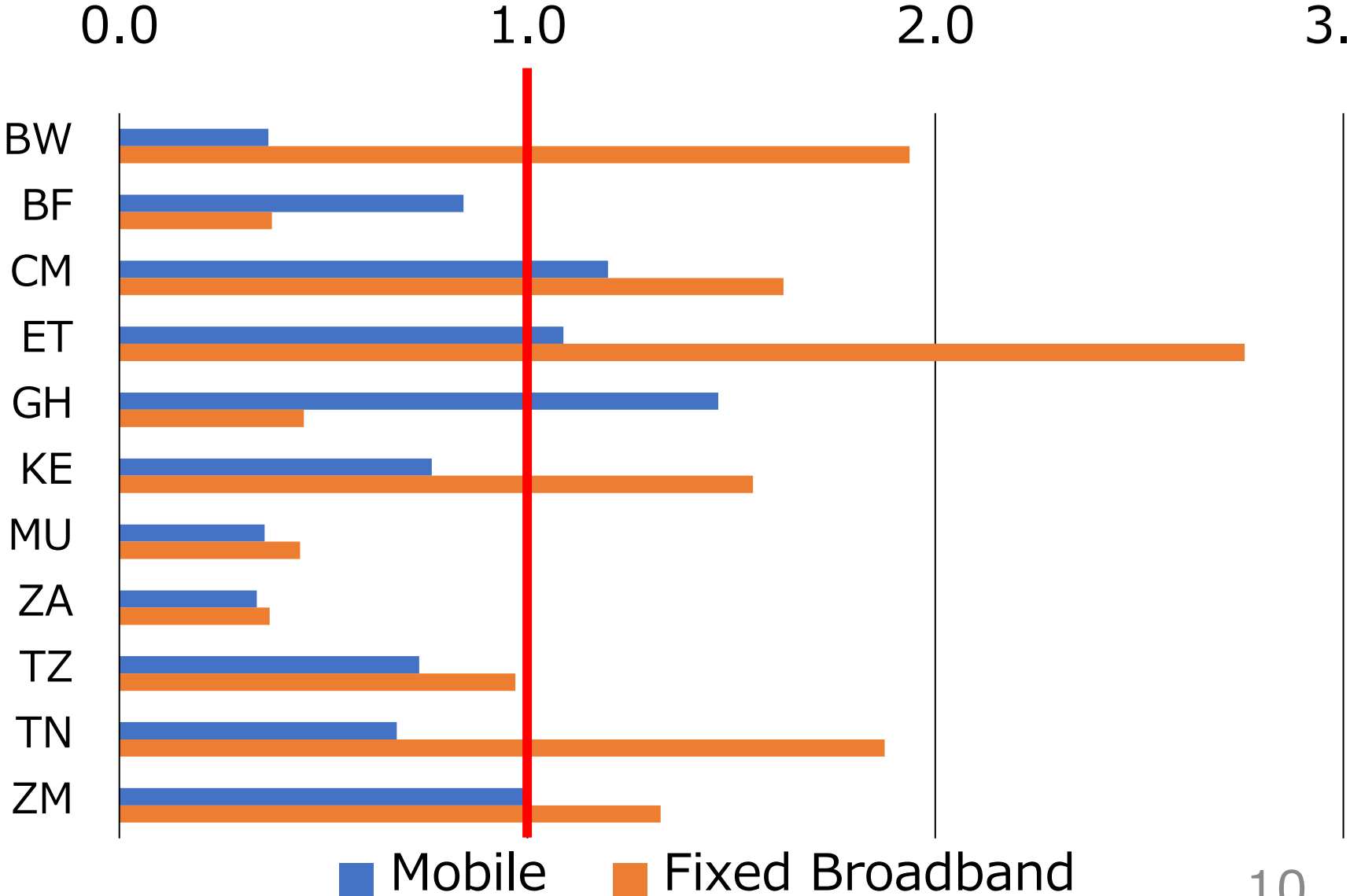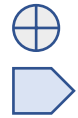
Managers/Workers
Consultants/Trainers

Internet Speed (MB/Sec)

Internet Speed (Time of a file(2MB) download (sec))
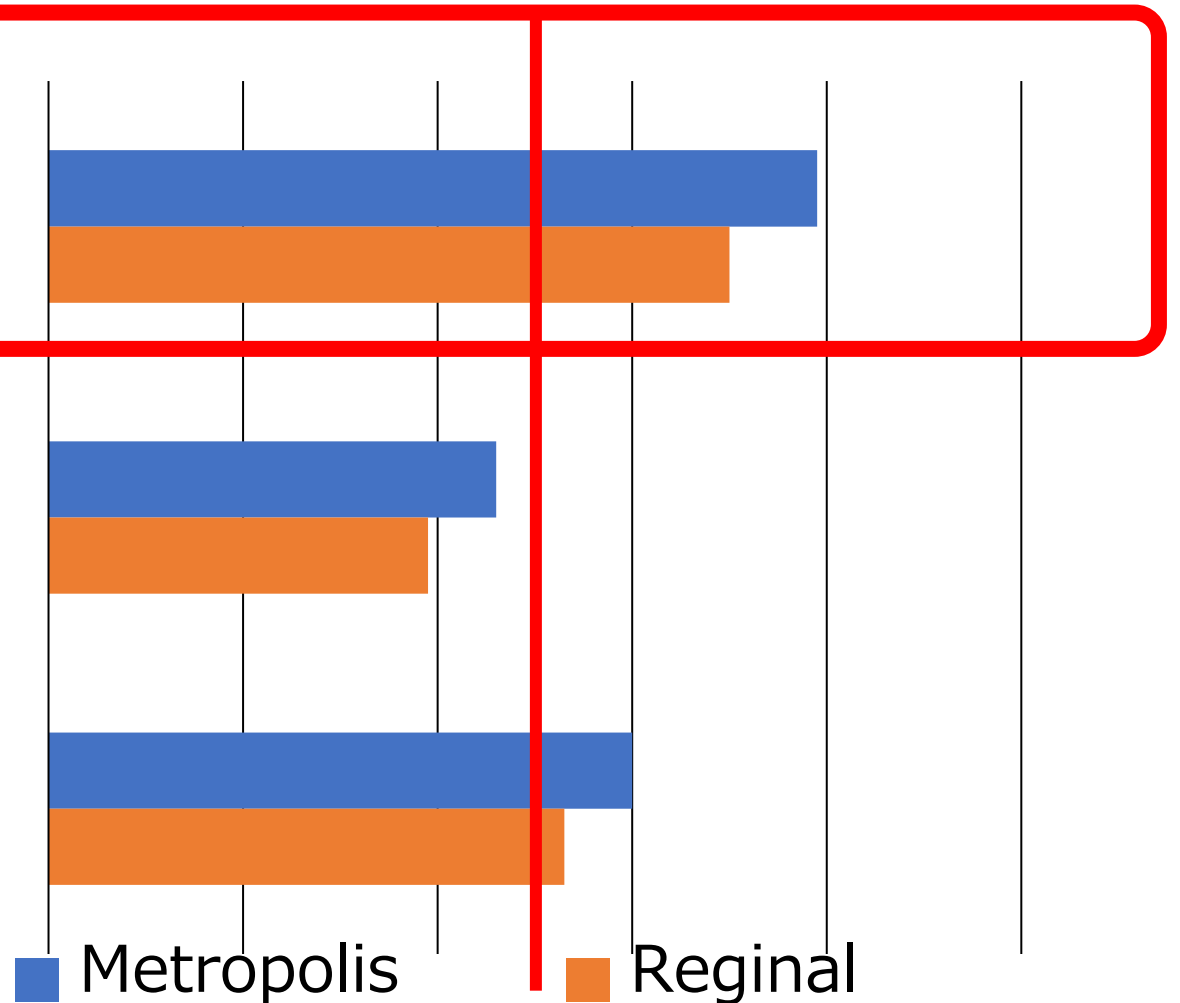
Devices that can be used for e-learning in companies
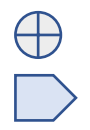
Devices that Kaizen consultants and trainers can use
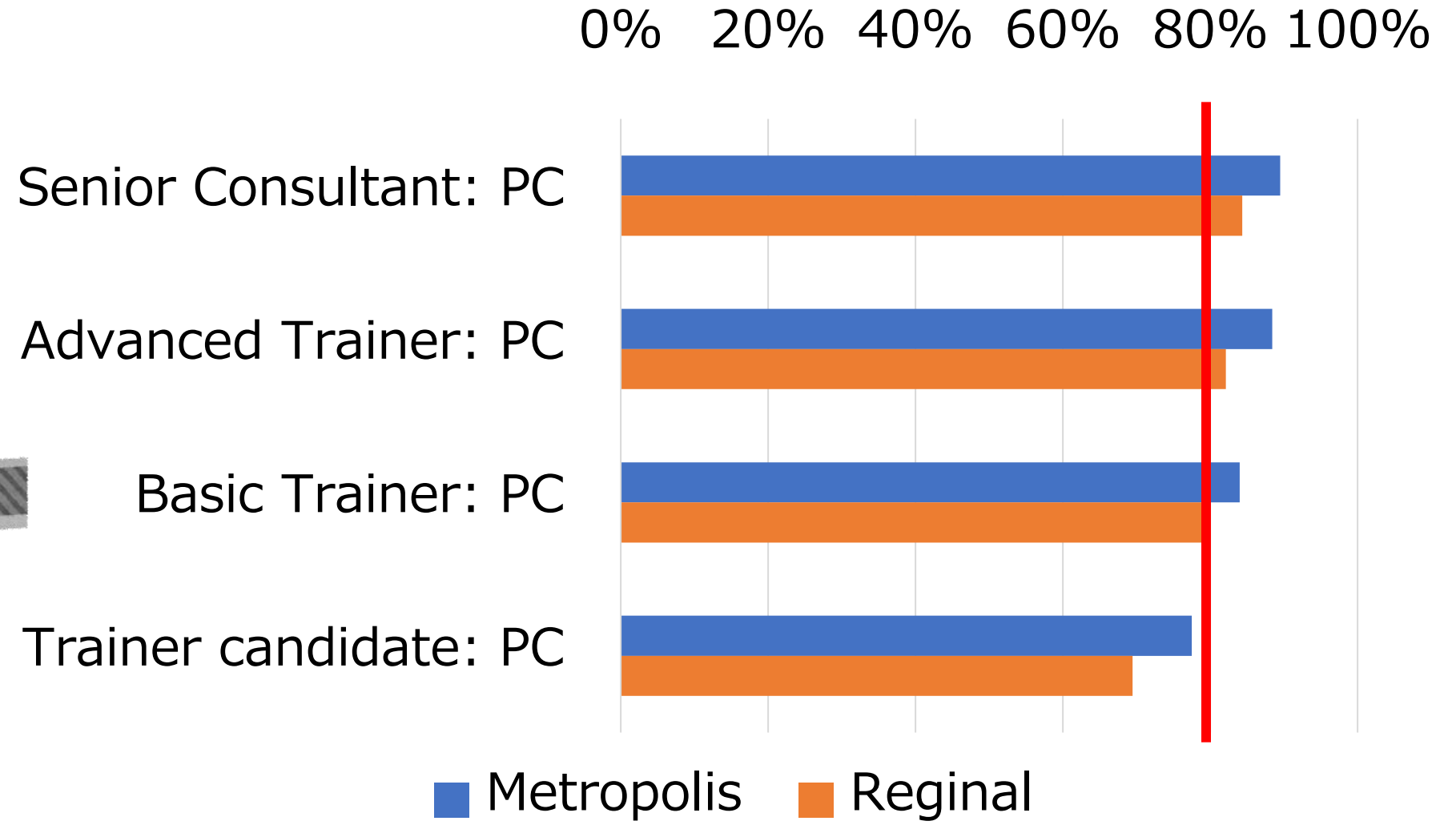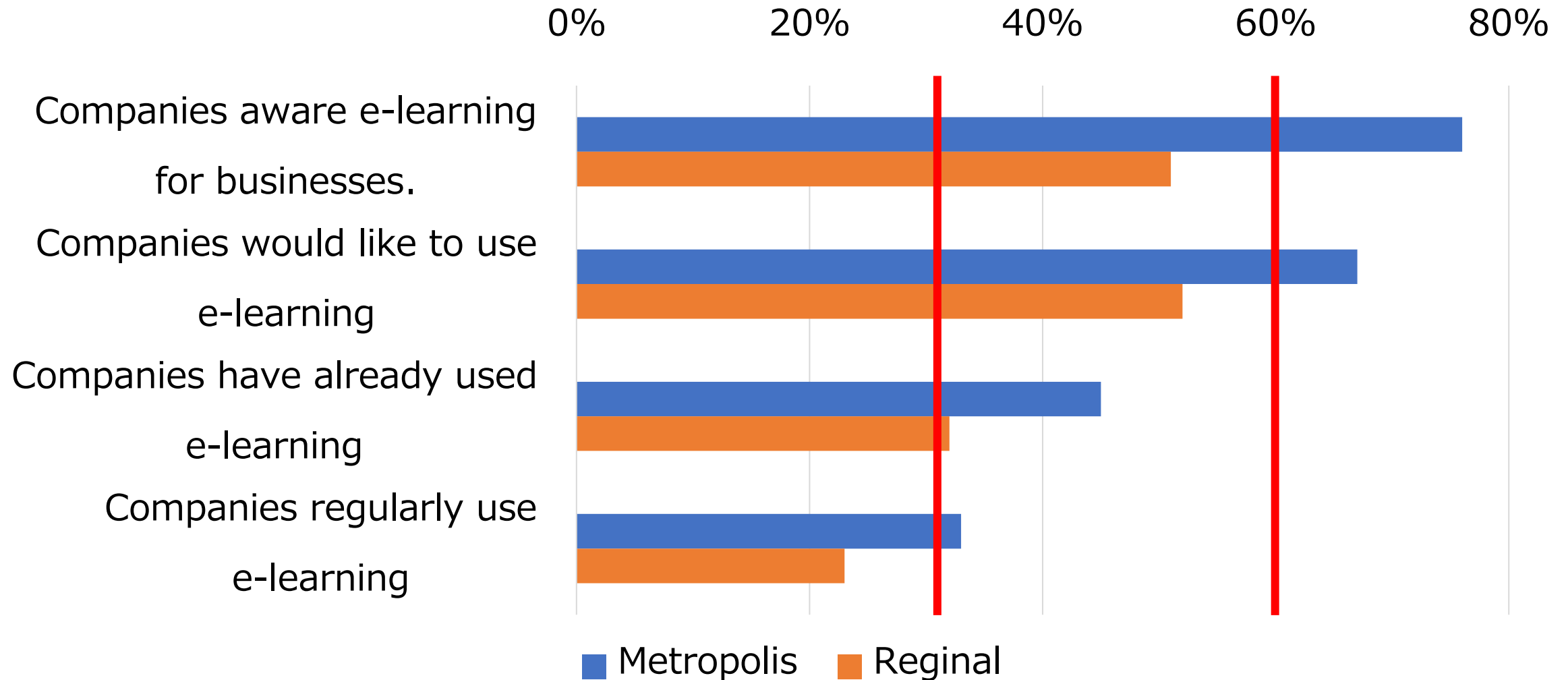
3. Awareness and usage of e-learning in countries

Existing Kaizen e-learning/online training

	Name of agency or institution	Training course name
BW	Botho University	Kaizen
	University of Botswana	Engineering and Kaizen
	Debswana Orapa Mine	5S
BF	2iE - Institut International d'Ingénierie de l'Eau et de l'Environnement	Management, Mining, Quality, Security, Envionnement, Marketing
	Université Aube Nouvelle	Management, Accounting, Marketing, Communication, HR, …
	Ecole en Direct	Management, Accounting, Marketing, Communication, HR, Secretariat, Finance, QMS, …
	Université Virtuelle Burkina Faso	Mathematics, Physics, Chemistry, Cybersecurity, Economy, Management, …
	Institut de Formation Ouverte à Distance	Management, International Trade, Global Management
TZ	College of Business Education	Product promotion techniques
	SIDO Tanzania	Packaging techniques
	Tanzania Bureau of Standards	Quality Assurance
TN	INVENSIS LEARNING	KAIZEN certification training
	NOBLEPROG	KAIZEN training courses
	The leansixsigma company	KAIZEN event

Kaizen

↓

Business Management

Financial Access
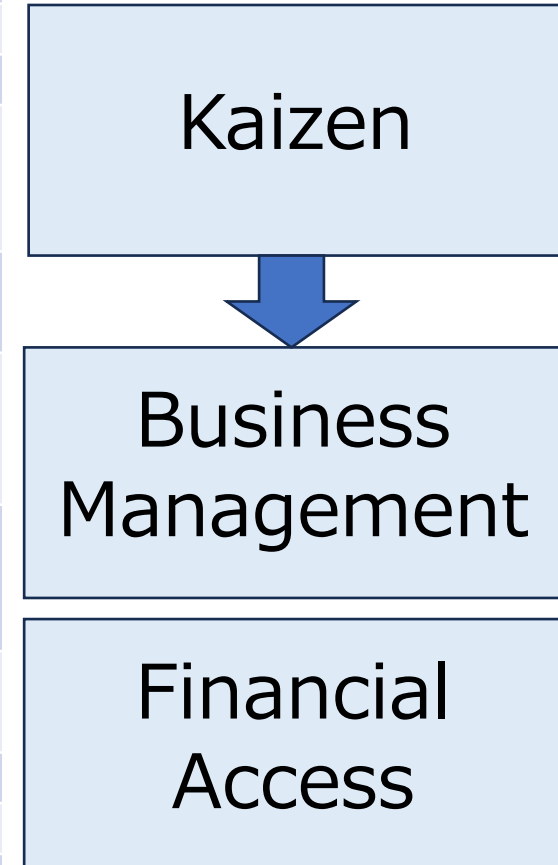
4. Needs and plans of e-learning for Kaizen institutions

Targets
Usage
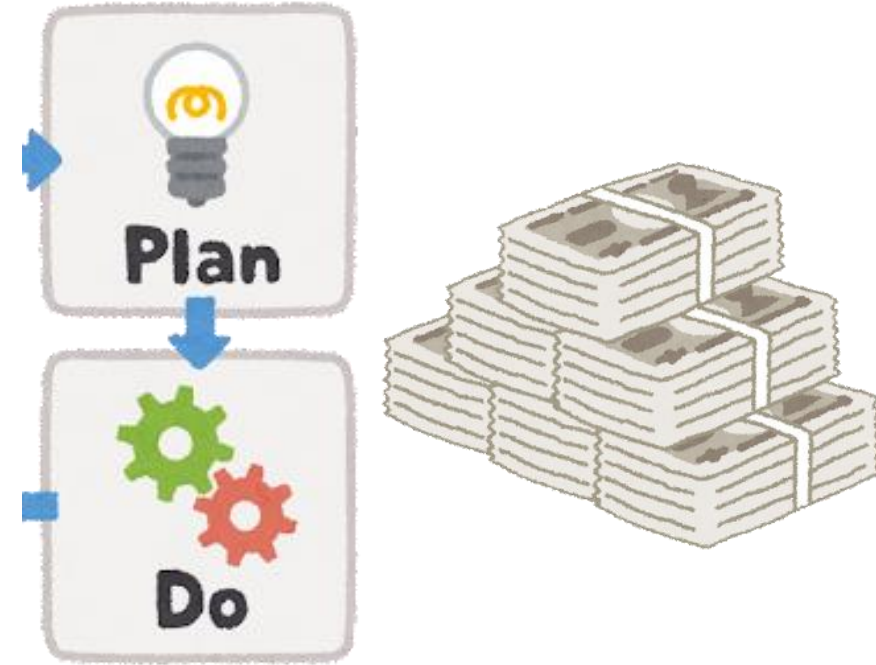
Implement Plan
Cost

Priority of e-learning target and usage

| Target	BW	CM	KE	MU	TN	TZ	GH	ZA	ET	BF	ZM
Needs more Kaizen promotion for Companies/organizations	1	1	1	1	3	3	3	5	5	6	6
Companies/organizations at the beginning stage of Kaizen introduction	1	1	1	5	2	4	4	4	4	4	5
Companies/ organization conducting Kaizen regularly	5	6	6	6	5	2	5	2	3	3	1
Anyone considering to become a trainer	1	1	1	2	6	5	1	6	6	5	4
Trainer candidate. He/she is studying to become a trainer	5	1	4	3	4	2	2	3	1	2	3
Trainers/Consultants who want to acquire more advanced knowledge	1	1	4	4	1	2	6	1	2	1	2

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Implementation and operation of Kaizen e-learning at the start of e-learning
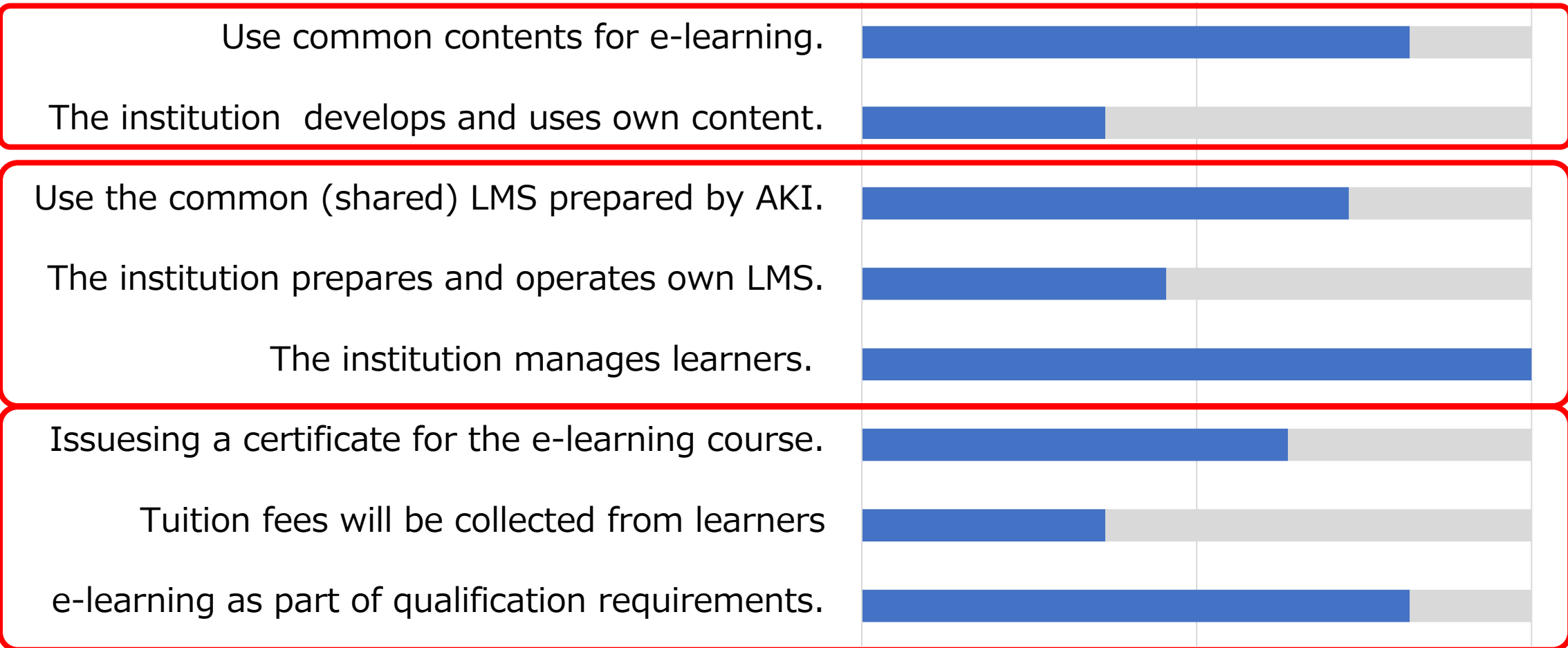
Cost sharing of e-learning

	Ave.	Agree (4)	(3)	(2)	Disagree (1)
Sharing the cost of shared LMS	3.0	4	3	2	0
Sharing development costs for shared content	2.5	1	5	2	1
When your institution uses case studies or contents developed by institutions in another country, Payment to them might occur	2.6	3	3	1	2
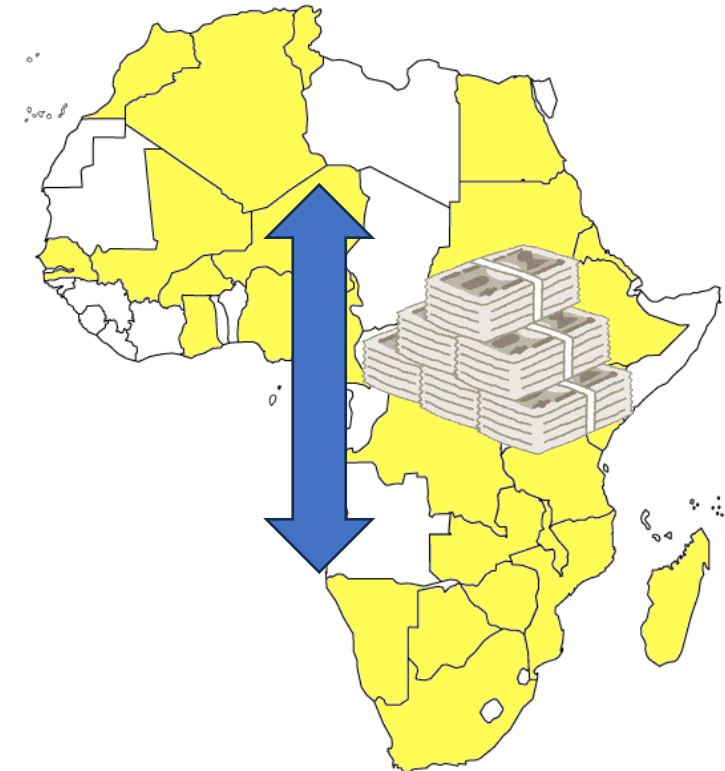
Further survey and discussion

- Further Survey targeting companies and consultants/ trainers

- Investigation of detail requests and plans of each Kaizen institution

- Collecting current digital materials

- Detailed study on implementation method of e-learning

- Detailed cost estimation of e-learning

Thank you
for your attention.

https://youtu.be/BcKhLPIneuM