



Introduction of Proposal 3.3

Establishment of an IHO e-Learning Center



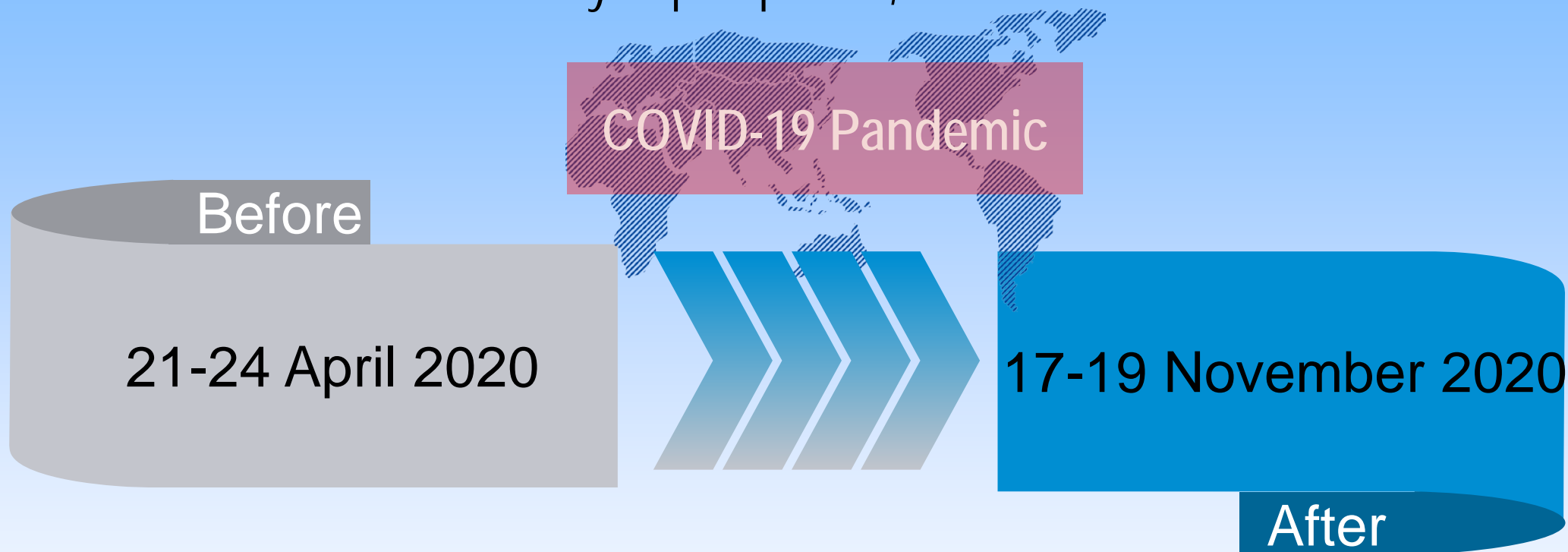
KHOA, Republic of Korea

2nd IHO Assembly, Monaco, 17 - 19 November 2020

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If the 2nd Session of the Assembly is postponed,

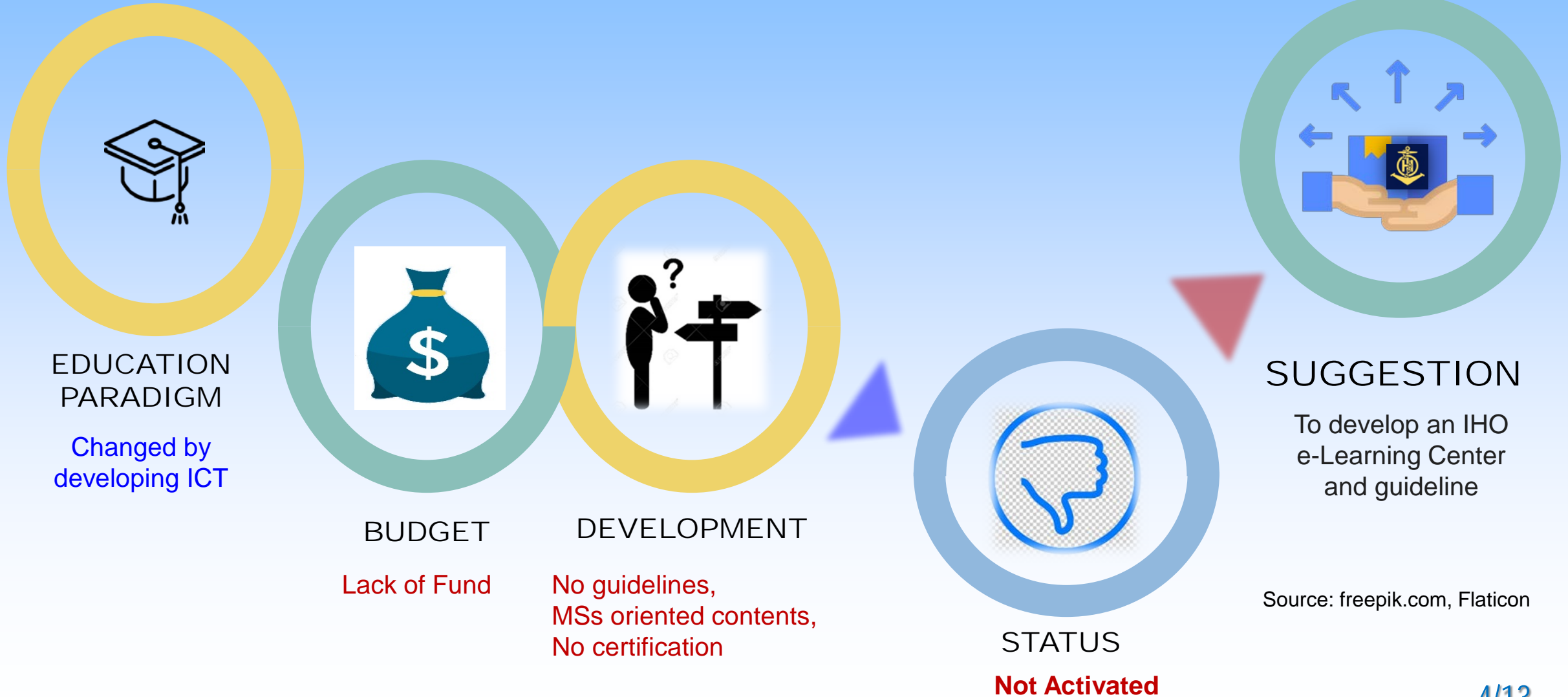


Nine proposals will be submitted to MSs for approval by correspondence

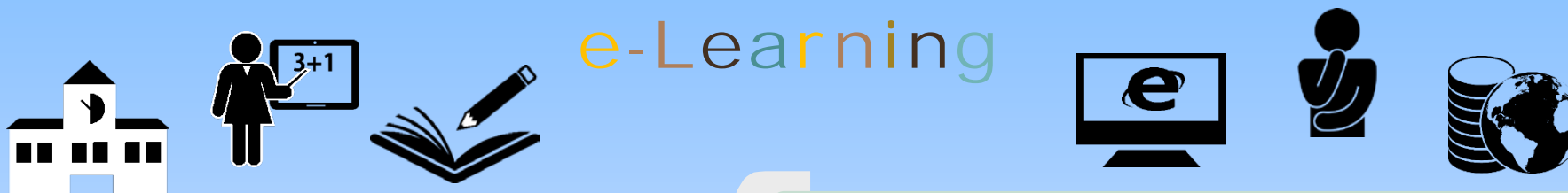
IHO Assembly Circular Letter N° 17 (20 March 2020)

Proposed scenario on the postponement of the 2nd session of the IHO Session of the Assembly and associated activities resulting from exceptional circumstances due to COVID-19

I . Background



II . About e-Learning



Traditional Learning ▶

- ◉ Teacher-centered
- ◉ Single media
- ◉ Low accessibility
- ◉ Fact-based learning
- ◉ Push approach

e-Learning

- ◉ Student-centered
- ◉ Multimedia
- ◉ High accessibility
- ◉ Skill-based learning
- ◉ Pull approach

E-Learning will promote CB activities even in emergencies such as the COVID-19 pandemic.

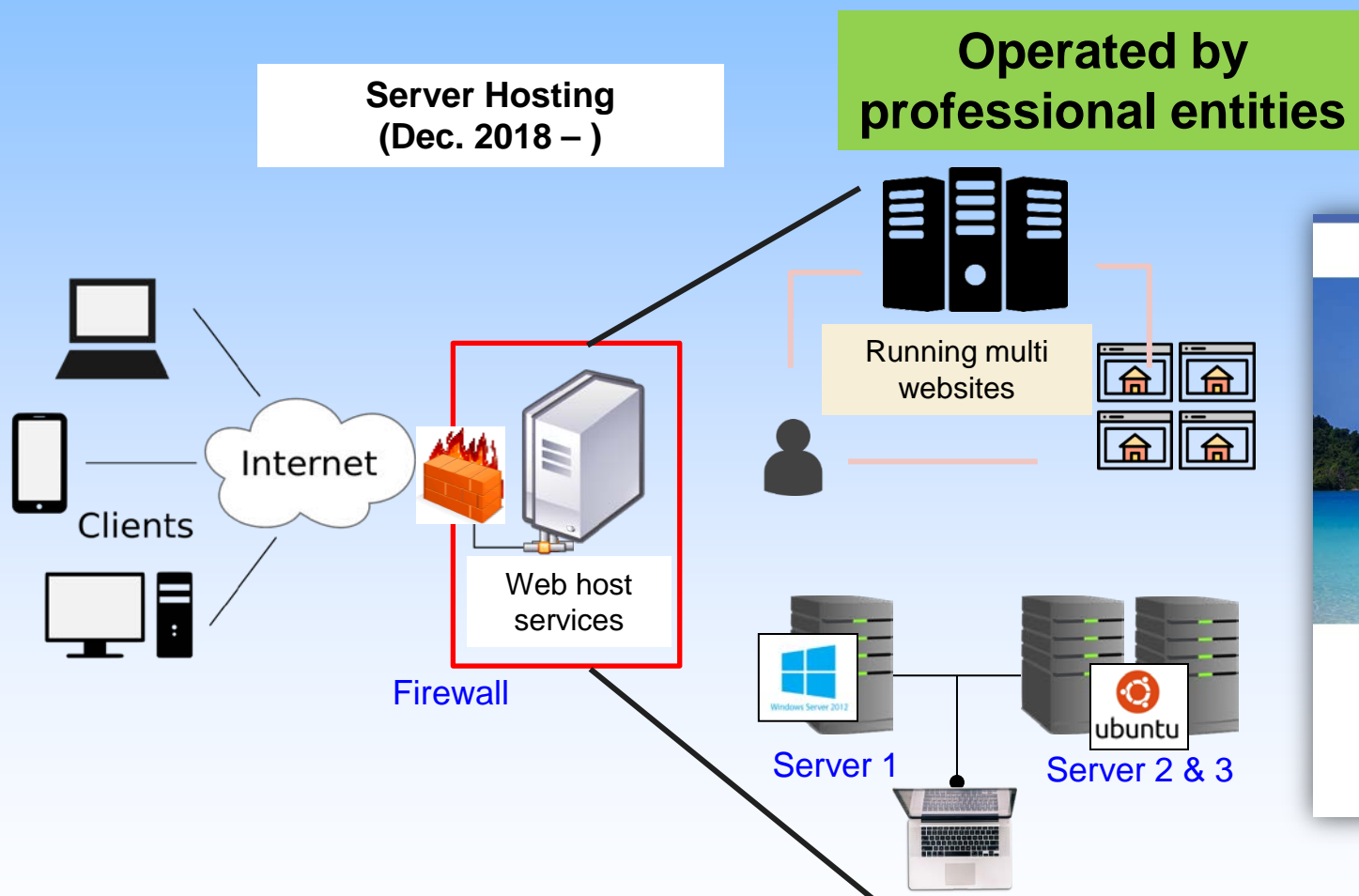
e-Learning courses in IHO MSs



Source: freepik.com

- Countries which deliver e-Learning courses are Denmark, France, Spain and Republic of Korea.
- Industries and marine institutes in the UK and Canada run their own e-Learning services.
- Thus we need to build a coordinated e-Learning center and a guideline to broaden services to all MSs.

III. KHOA's e-Learning Infrastructure



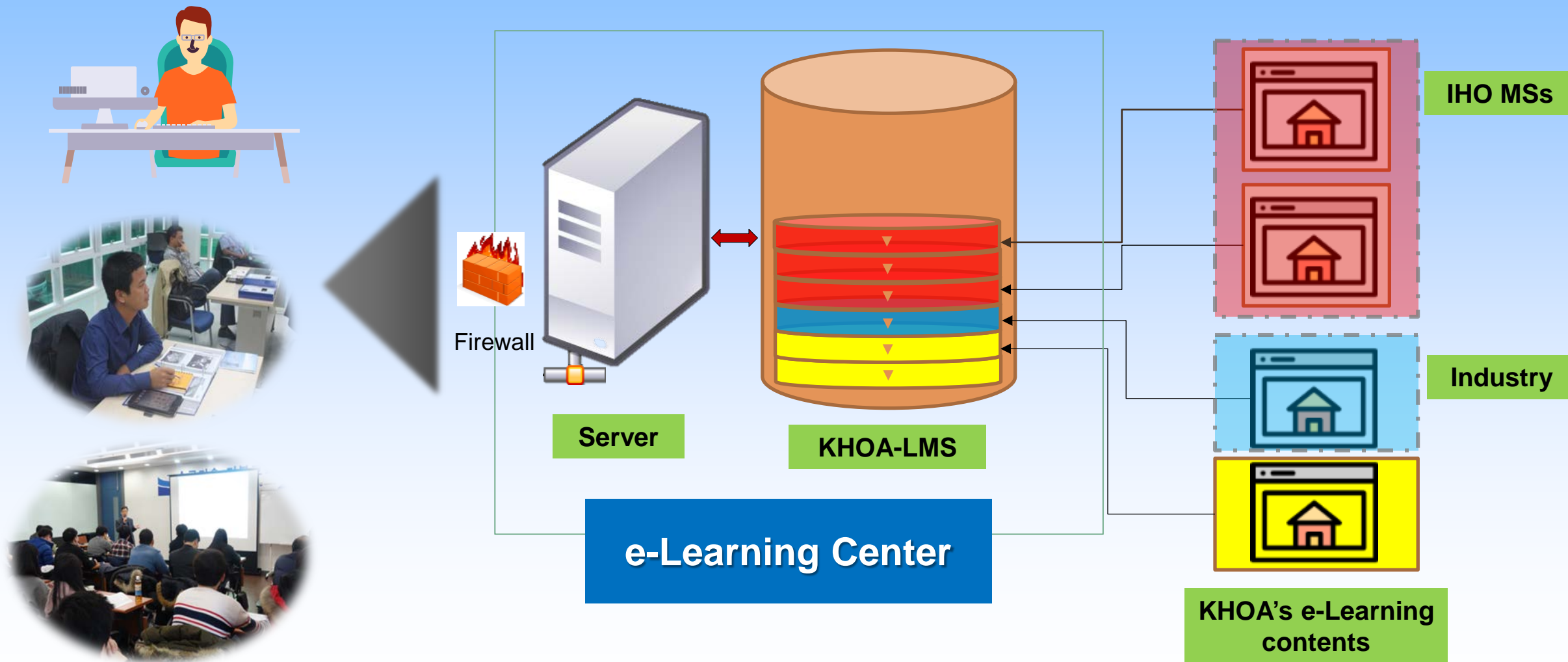
**e-Learning Website
(Dec. 2019 –)**



HTML5 / Supports mobile learning

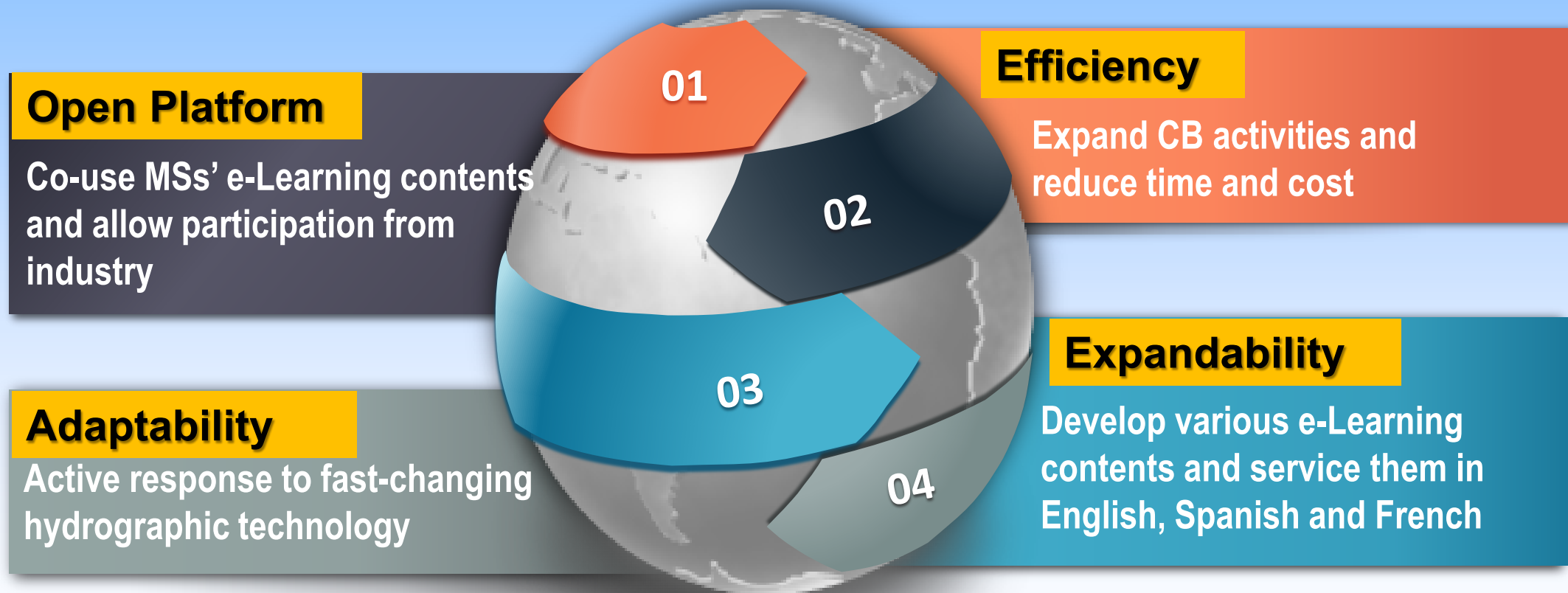
Dual OS / 3TB Capacity / 10 Mbps

KHOA'S LMS (Learning Management System)



IV. Strategies

Major strategy

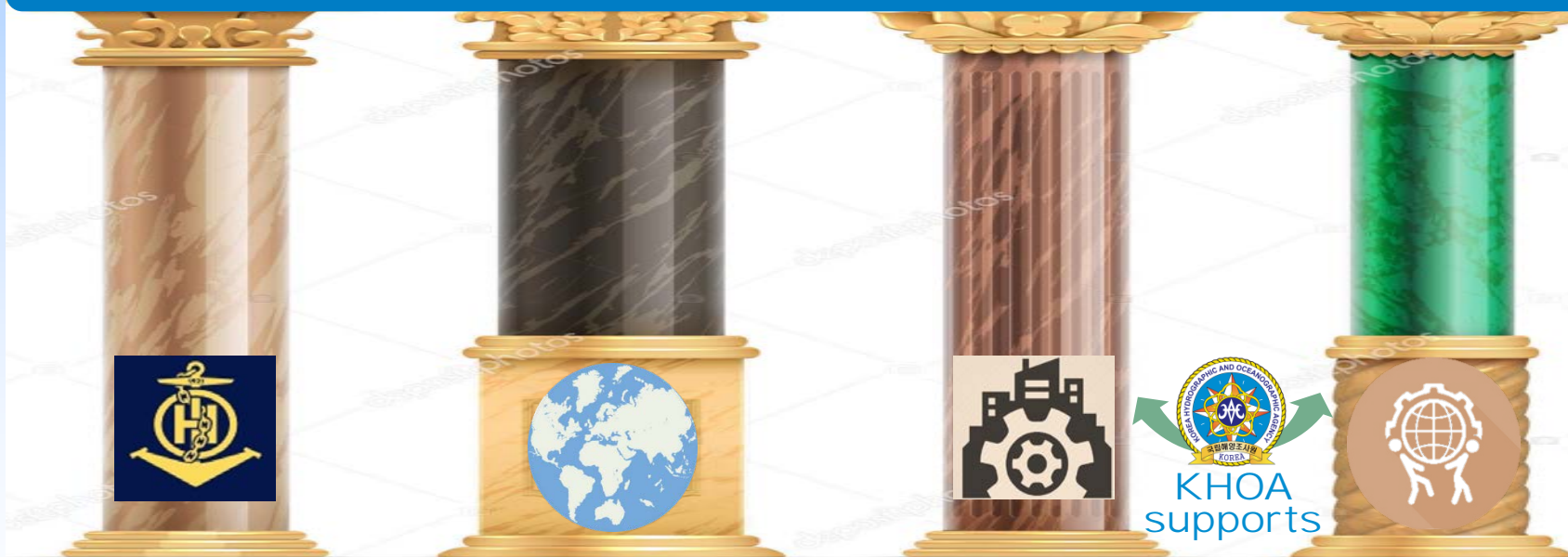


3 major languages (English 26%, Spanish 13% and French 13%) spoken by IHO MSs

Implementation

IHO e-Learning Center

Build together and share!



Source: deposit photos

**Promoted
by IHO**

**Participation
by MSs &
industry**

**Permanent
provision of
infrastructure**

**Long-term
support for
operation**

Expected Outcome

- ✓ The IHO e-Learning Center will reinforce CB activities (coordination between online/offline training)
- ✓ International hydrographic technology will be further developed.
- ✓ Technological gap among MSs will be reduced by sharing e-Learning contents.

As-is

- Absence of an IHO e-Learning governing body
- Absence of an IHO e-Learning guideline
- Lack of infrastructure such as contents
- Only four IHO MSs are using e-Learning

To-be

- Establishment of an IHO e-Learning Center
- Development of a standardized IHO e-Learning guideline
- Expansion of IHO e-Learning contents and infrastructure (supported by KHOA)
- Widely available for use by all IHO MSs

V. Plans & Suggestions

Plans

**Activate e-Learning
worldwide (2024 –)**

Operating the e-Learning center,
Report to 3rd Assembly (2022 - 2023)

Standard guideline, Terms of
Reference, etc. (2021 - 2022)

Set up the e-Learning Establishment Project Team
composed of IHO, IRCC, CBSC, IBSC, MSs (2021)



Suggestions

01

To be discussed at A-2 (PRO 3.3)



If it is approved...

02

IRCC, in collaboration with CBSC and IBSC, to prepare the establishment of the e-Learning Center and to develop “e-Learning Standard Guideline”



03

We encourage participation by IHO MSs and especially those with experience in running e-Learning programmes.

ROK would like to contribute to the development of the IHO community through the establishment of the IHO e-Learning Center.

Thank You



Source: Ministry of Personnel Management, Republic of Korea