

User manual of the joint research institute



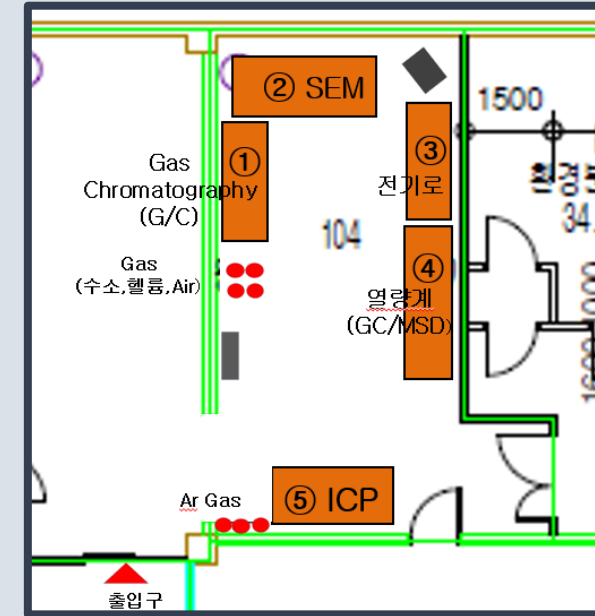
2022.02.23

Admin. Team of Environmental Science and Engineering

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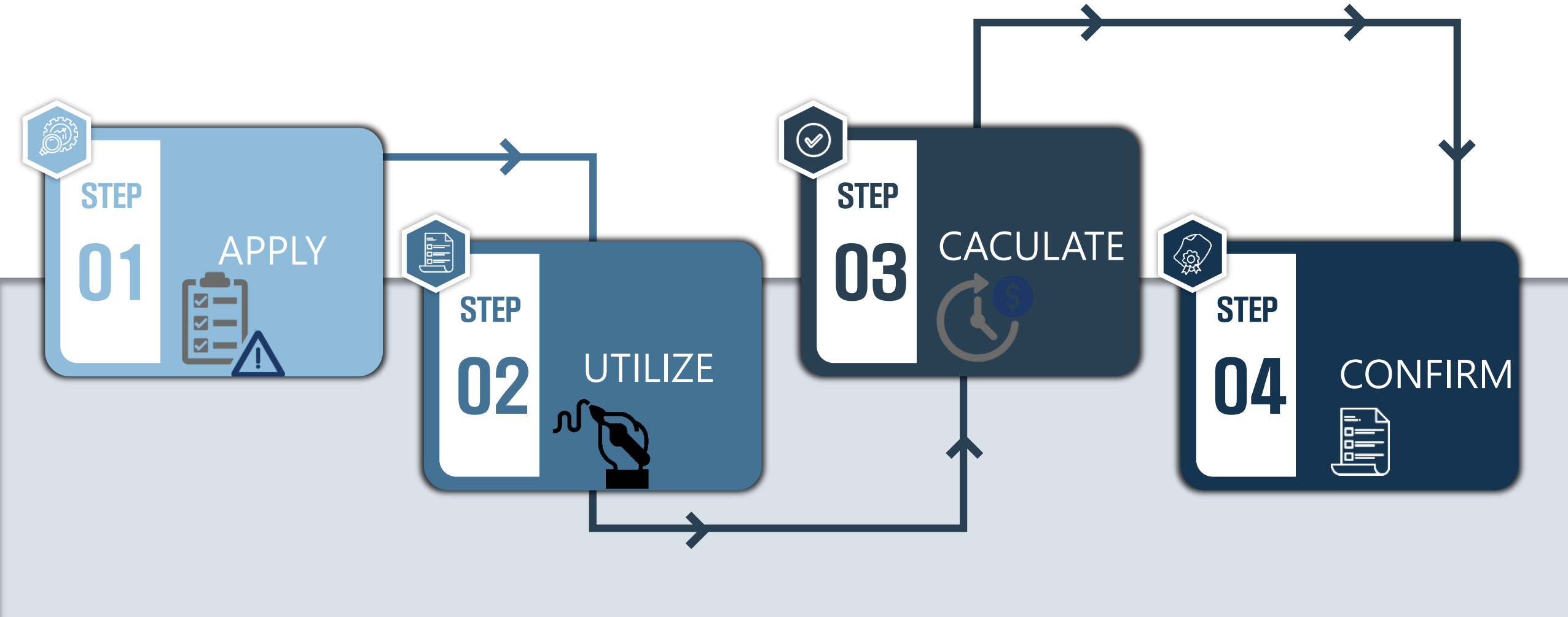
01 Joint Research Institute layout



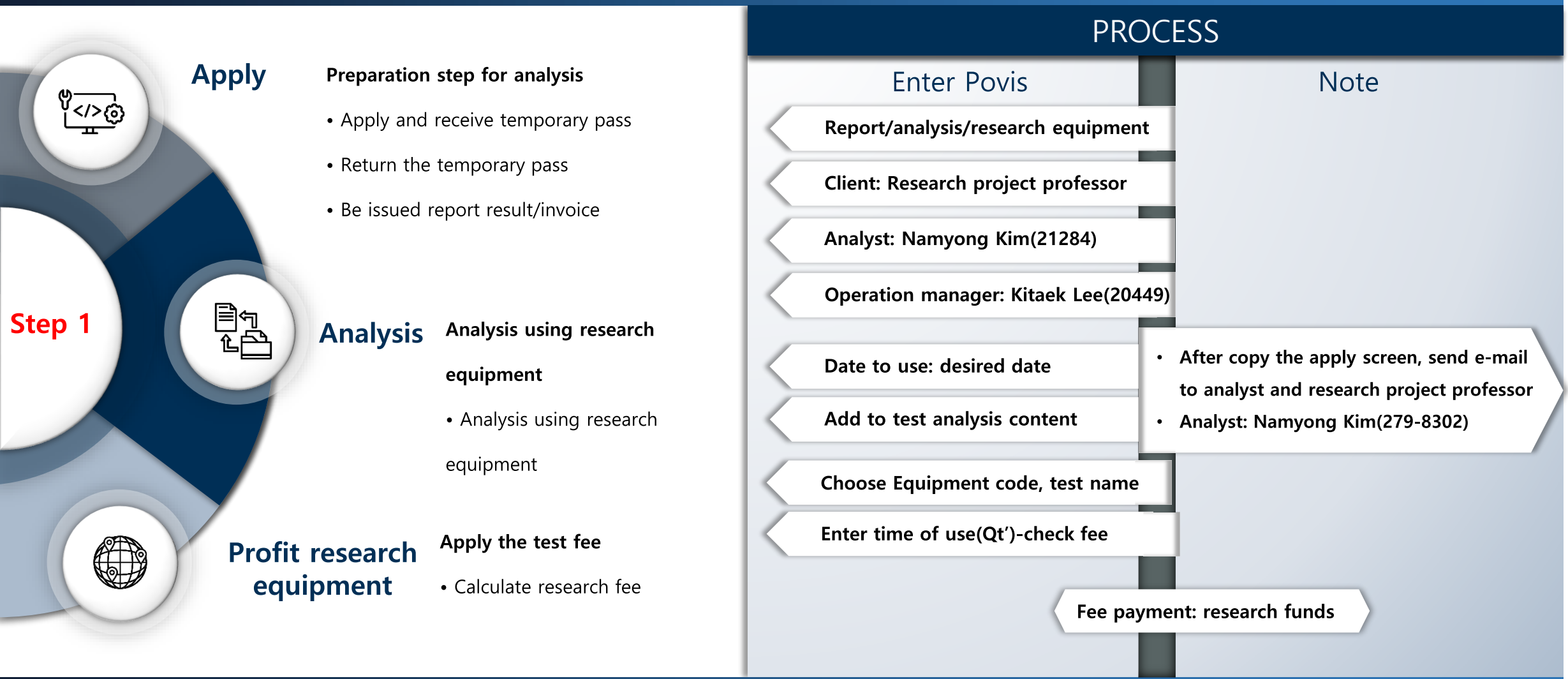
Joint Research Institute layout
(Hwankyung-dong104)

Joint Research
Institute layout

02 Simple PROCESS to use joint research equipment



03 Detail PROCESS to use joint research equipment



03 Detail PROCESS to use joint research equipment



Step 02

Apply and Receive/return temporary pass

1

Write Equipment usage log

2

Turn the equipment off when finish

3

Must report if there is any problem with equipment

4

Clean after usage

5

03 Detail PROCESS to use joint research equipment

Step 03

Report the test result/Request invoice and test&analysis results

Get sign of the professor in charge on related documents and submit to admin. office



DESE Admin.office have to check

After stamp an seal of head professor at Admin.office



Precautions of making the report

Analyzer of test analysis result shall be name and signature of the person who actually analyzed it.

*Submission deadline: Within 3 days



04 The unit price of test and analysis fee

Code	Equipment Name	Test list	Unit of use	Fees(KRW)	Remark
10076803	Scanning Electron Microscope (*school expense)	01. S.E.M (General)	Sheet(60min)	40,000	Used by applicant
		02. S.E.M (General+Gold plating)	Sheet(60min)	45,000	Used by applicant
		03. S.E.M (General+Freeze-dried)	Sheet(60min)	42,000	Used by applicant
		04. S.E.M (General+freeze-dried+gold plating)	Sheet(60min)	47,000	Used by applicant
10107150	ICP-OES (*school expense)	01. Quantification of inorganic elements in a liquid sample(internal)	Component (30min)	20,000	(Not available now)
		02. Quantification of inorganic elements in a liquid sample(external)	Component (30min)	30,000	Out-of-school user (Not available now)
		03. Quantification of inorganic elements in a liquid sample(use machine)	Component (30min)	15,000	Used by applicant
10014831	GAS CHROMATOGRAPH (*industry-academic cooperation)	01. Liquid organic matter analysis	EA(60min)	15,000	Used by applicant
10049895	GC/MS(Calorimeter) (*industry-academic cooperation)	01. Quantitative analysis	EA(60min)	30,000	Used by applicant

※ You can ask Ms.Lee Ah Yeong in room 105 about how to use ICP equipment. lay230@postech.ac.kr