



“可持续建筑的未来：创新与协作”

全球项目式学习（GPBL）短期项目报名通知

Call for Participation: GPBL ITS-KONE-BRAUIC 2023

全球项目式学习（GPBL）短期项目从高校与企业面临的实际问题出发，邀请各国学生组建跨国团队，共同研讨并解决问题。项目旨在引导学生基于解决问题的经验，学习解决问题的能力、系统思维及管理能力。

Global Project-Based Learning (GPBL) is a short program where students from different countries work as tag teams to discuss and solve problems presented by higher education institutions and corporations. GPBL encourages students to engage in acquiring problem-solving capabilities, systems thinking, and systems management skills through this problem-solving experience. GPBL is also one of the endeavors aimed to strengthen Industry and Academia partnerships.

本次项目以“可持续建筑的未来：创新与协作”为主题，计划开展以下 5 个案例研究（具体安排以最终通知为准）：

This time, ITS Surabaya in collaboration with KONE Corporation and the Belt and Road Architectural University International Consortium (BRAUIC) proudly presents Global Project-Based Learning (GPBL) ITS-KONE-BRAUIC 2023 – The Future of Sustainable Building: Innovation and Collaboration. The program will discuss 5 case studies on architectural and green building solutions where participants



compete to resolve the problem with a global perspective.

- 1、如何保证建筑与时俱进，并且受到广大使用者欢迎
- 2、如何估算使用可持续材料、数字化解决方案及为租户提供其他增值服务时产生的额外成本
- 3、如何为老年人以及有特殊需求的居民打造一个安全、便利及包容的社区
- 4、如何简化并优化数据收集，更好地了解如何利用设备提升安全性及租户体验
- 5、如何确保两年前购买的电梯/自动扶梯，在安装时仍然能提供最新的、适用的解决方案

Case Studies (subject to change):

1. How to ensure the building stays in trend and is engaging for all end users.
2. How to validate the extra costs used when choosing sustainable materials, digital solutions, and other value-added services to the tenants.
3. How to prepare a safe neighborhood, accessible, and inclusive for the elderly and citizens with special needs.
4. How to streamline and optimize data aggregation to better understand how the facility can be used to ensure safety, security, and a better tenant experience.
5. How to ensure an elevator/escalator is bought 2 years before installation that the solution is still up-to-date and relevant.

诚挚邀请各国学生在线上环节一决高下！最终将有 25 名最佳选手入选并受



邀参与在印度尼西亚泗水理工学院举行的线下环节。项目与“一带一路”建筑类大学国际联盟 2023 年会议暨论坛紧密结合，线下环节的前三名获奖队伍将受邀在“一带一路”建筑类大学国际联盟会议暨论坛期间展示各自的小组项目。

Participants are invited to join our online program to compete as 25 best students that will be selected and participate in the offline program at ITS Surabaya.

The implementation of GPBL program will be in conjunction with the 2023 BRAUIC Conference and Forum. The 3 winners will present their group project in the BRAUIC Conference and Forum.

一、主办单位： **Organizers:**

印度尼西亚泗水理工学院

芬兰通力电梯

“一带一路”建筑类大学国际联盟

- Institut Teknologi Sepuluh Nopember, Indonesia (ITS Surabaya)
- KONE Corporation
- Belt and Road Architectural University International Consortium (BRAUIC)

二、项目安排： **Program:**

阶段 PHASE	日期 DATES	活动 ACTIVITY	参与范围 PARTICIPANTS
线上环节 ONLINE PREPARATORY PROGRAM	6月2日 (星期五) 2 JUNE, Friday	项目背景简介 Introduction to KONE and BRAUIC & Lecture	所有报名学生 All registered students
	6月9日	讲座：问题解决、建筑信	



	(星期五) 9 JUNE, Friday	息模型及设计思维 Problem Solving, BIM, and Design Thinking Lecture	
	6月12日 (星期一) 12 JUNE, Monday	公布最佳选手 Announcement for Best Students	
线下环节 OFFLINE GPBL PROGRAM	8月7日 (星期一) 7 AUGUST, Monday	开班仪式、参观校园及印 尼文化讲座 Opening Ceremony, Campus Tour, and Indonesian Cultural Course	25 名最佳选手 25 best students
	8月8日 (星期二) 8 AUGUST, Tuesday	讲座、研讨及传统游戏 Lecture, Discussion and Traditional Game	
	8月9日 (星期三) 9 AUGUST, Wednesday	实地调研 Site Visit	
	8月10日 (星期四) 10 AUGUST, Thursday	实地调研 Site Visit	
	8月11日 (星期五) 11 AUGUST, Friday	小组作业 Group Project	
	8月12日 (星期六) 12 AUGUST, Saturday	小组作业汇报及 结业仪式 Final Group Presentation and Closing Ceremony	
	成果展示环节 PRESENTATION	11月17日 (星期五) 17 NOVEMBER, Friday	

备注：1、线下环节及成果展示环节地点为印度尼西亚泗水理工学院。

2、具体安排以最终通知为准。

Notes: 1. The OFFLINE GPBL PROGRAM & PRESENTATION will be held at ITS Surabaya



2. The schedule is subject to changes.

三、项目费用：Program Fee

免报名费及项目费。参与线下环节的 25 名最佳选手需自行承担国际机票及签证费，印尼当地食宿、交通费由印度尼西亚泗水理工学院承担。

The online GPBL is FREE to register. The 25 selected students to go to ITS for the on-site program, need to pay for the flight and visa expenses. ITS will cover accommodation, meals, and local transport during the on-site program.

四、报名条件 Requirements

1、本科在校生

2、专业范围：

- 土木工程
- 建筑
- 区域及城市规划
- 工业与系统工程
- 企业管理
- 其他工程类专业

3、能够使用英语进行口头及书面交流

4、主动性强、勤劳肯干

- All undergraduate university students majoring in:

1. Civil Engineering



2. Architecture
3. Regional and Urban Planning
4. Industrial and Systems Engineering
5. Business Management
6. Other Engineering majors
 - Confident in English communication skill
 - Highly motivated and committed

五、奖项设置 Prizes

- 一等奖：680 美元奖励、通力电梯实习机会
- 二等奖：550 美元奖励、通力电梯实习机会
- 三等奖：340 美元奖励、通力电梯实习机会
- 所有参与者均可获得电子版项目参与证书
- 1st Winner: 680 USD & Internship at KONE
- 2nd Winner: 550 USD & Internship at KONE
- 3rd Winner: 340 USD & Internship at KONE
- + International exposure and networking
- + e-Certificate for all participants

六、报名链接/ Register link: <http://its.id/GPBLITSKONE-China>

七、截止日期：2023 年 5 月 26 日（周五）

Deadline: 26 May 2023 (Friday)



八、联系方式 **Contact Person:**

联系人：雷纳尔迪先生（Mr. Raynaldi）

邮箱：international@its.ac.id

电话：+62 823-9791-2024

Mr.Raynaldi

international@its.ac.id or

+62 823-9791-2024

九、项目官网 **Website:**

<https://www.its.ac.id/international/experiencing-its/prospective-student/short-program/customized/gpblitskonebrauc/>