



An Innovation Hub Supporting Manufacturing Expansion 支撑产业升级之创新基地

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EECi 定位

EECi Positioning



SOFTWARE PARK
THAILAND

dInnopolis

NORTHERN
SCIENCE
PARK
THAILAND

NORTHEASTERN
SCIENCE PARK

STSP
The Southern Thailand Science Park

Universities/
Research Institutes
大学与科研院所



Thailand Science Park
泰国科技园区



Regional Science Parks
区域级科技园区



初创企业/中小企业/跨国公司
Startups/SMEs/LEs/MNCs



The Translational Research & Technology
Localization Hub in EEC Linking Research and
Investment Across Thailand

东部经济走廊科技研发成果转化为地方
产业的枢纽中心，链接泰全国研发与投资

EECi
东部经济走廊
创新园区

目标产业
Target Industries



Modern Agriculture
现代化农业



Biorefinery
生物炼制



Battery and Modern
Transports
电池与现代化运输



Robotics and
Smart Electronics
机器人和智能电器



Aviation and
Aerospace
航空与航天



Medical Device
医疗设备器材

430亿美元基建开发项目

\$ 43 Billion USD
Infrastructure
Development Projects

30座工业园区
聚焦：北柳、
春武里、
罗勇

30 Industrial Estates
Focus in
Chachoengsao,
Chonburi and
Rayong

13,000 sq.km
13,000 平方公里



东部经济走廊
亚洲关键门户

TRL: 1

2

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实验室环境下的科技研发
Technology Development in
Laboratory Environment

Scale-up, Localization, Demonstration
规模化、融入地方、
成果模拟展示

实验室环境下的科技研发
Technology Deployment in
Industrial Environment

东部经济走廊创新园区 – 座落于罗勇府旺詹谷 5.5 平方公里园区 EECi Development in 5.5 km² Wangchan Valley, Rayong

生活社区 Community Zone



Community Mall
Hotel & Serviced Apartment
International School

Highway No. 344
(Ban Bueng - Klaeng)

Gas Station

PTT Art Gallery & Energy Museum

第1创新区 Innovation Zone 1 EECi Headquarters

2021 年10月起招租入驻
Ready for Tenancy
(October 2021)



教育区 Education Zone

Kamnoetvidya Science Academy
(KVIS)

Vidyasirimedhi
Institute of Science
and Technology
(VISTEC)

Wangchan
Forest Project



Synchrotron Facility
(3 GeV)

第2创新区 Innovation Zone 2

Innovative Agriculture
Learning Center

Utility Center

Solar Farm

总理主持破土动工仪式
EECi Groundbreaking Ceremony
By Prime Minister



EECi 与现代化农业

EECi Modern Agriculture

无人机农园沙盘
与精准农业人工智能系统
UAV Sandbox & AI for
Precision Agriculture



植物工厂
Plant Factory



弄型组织温室
Phenomics Greenhouse



现代化水产养殖
Modern Aquaculture



开发合作夥伴
Development Partners

EECi 与生物炼制产业

EECi and Biorefinery Industry

生物炼制示范工厂
(通用与开放式平台)

Biorefinery Pilot Plant
(Generic and Open Platform)



科研与工程合作夥伴
Research and Engineering
Partnerships



专业化管理
Professional
Management



需求导型型联盟
Demand-Led
Consortium



专有技术提供方
Proprietary Technology
Providers



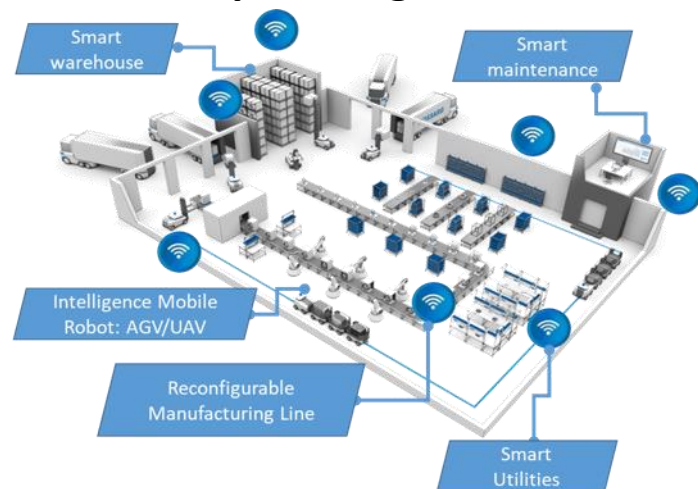
开发合作夥伴
Development Partners

EECi 与工业 4.0

EECi and Industry 4.0

进行中的工作
Ongoing works

即将到来的基础设施 Upcoming Infrastructure



示范工厂和工业 4.0 测试
Demo Factory and Industry 4.0 Testbed

1. 智能产业就绪指数试点

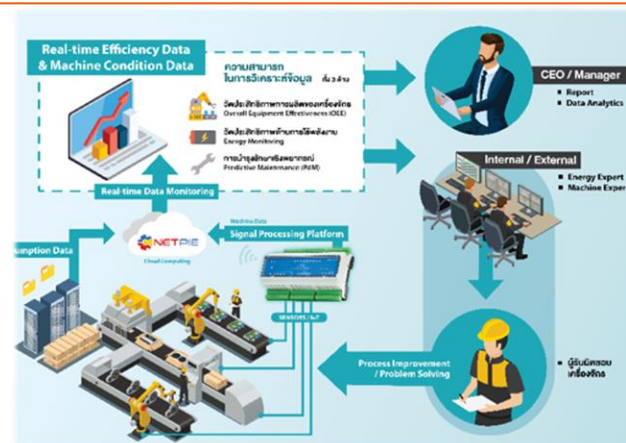
Piloting Smart Industry Readiness Index (SIRI)

- 对20家示范公司进行评估 Assessment of 20 pilot companies
- 泰国优先区域 = 车间连接 Thailand Priority Areas = Shop-floor Connectivity
工业4.0策略与管理 Industry 4.0 Strategy and Governance
车间自动化 Shop-floor Automation



2. 工业物联网和大数据分析平台

Industrial IoT and Data Analytic (IDA) Platform



EECi 与现代运输

EECi and Modern Transports

进行中的工作
Ongoing works

即将到来的基础设施
Upcoming Infrastructure



自动驾驶汽车试验场和测试设施
AV proving ground and testing facilities

1. 自动驾驶汽车技术 Autonomous Vehicle Technology 在封闭社区内实施 Implementation in Gated Community

T77 On-nut



2. 自主支线开发 Autonomous Feeder Development 应用于最后一公里连接 for Last-mile Connectivity



得到以下部门支持协作 In collaboration with...



EEC/EECi 人力资源开发平台

Human Resource Development Platforms by EEC/EECi

EEC A 式模型

EEC Type A Model

- ◎ 需求导向的正规教育 **Demand-Led Formal Education**
 - ◎ 产业导向课程设计 **Industry Directed Curriculum Design**
 - ◎ 产业支持下的学习 **Industry Supported Learning**
 - ◎ 就业保障 **Employment Guarantee**

EEC B 式模型

EEC Type B Model

- ◎ 产业人才技能重塑、技能强化与新技能培训短期班证书 **Certified Short Courses for Reskilling, Upskilling and New Skilling of Industrial Personnel**



EECi 学院

EECi Academy

高等技能
与业主化技能开发
Advanced Skill &
Entrepreneurship
Development

产业研究个人开发
Industrial Research
Personnel Development

在校生与职业技校生的
STEM 理科教育
STEM Education for
School & Vocational
Students

智慧型农场开发
Smart Farmer
Development

Partnership Opportunities 形成合作夥伴的机会

- ◎ 开发高价值产品 - 来自本土的生物资源
Development of High Value Products from **Local Bio Resources**
- ◎ 本土化的先进科技 - 供给泰国与东盟市场
Localization of Advanced Technology for Thailand and ASEAN Market
- ◎ 参与研究与创新 - 与当地大学和研究院展开合作
Joint Research and Innovation with Local Universities and Research Institutes
- ◎ 可利用先进的研究基础设施
Use of **Advanced Research Infrastructure**
- ◎ 参与高端人才开发
Joint **Development of Talents**
- ◎ 其他双赢安排
Other **Win-Win Arrangements**



东部经济走廊 创新园区

EECi

Eastern Economic Corridor
of Innovation

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