

STEM CAREERS

OVERVIEW



STEM CAREERS

← → ↻ https://www.google.co.th/search?q=STEM+careers&dcr=0&source=lnms&sa=X&ved=0ahUKewjP0qL60v3dAhWYfCsKHbxGDyUQ_AUICsgA... ☆

Apps Google YouTube Longdo Dictionary Cambridge Dictionary Merriam-Webster Di Corpus Leeds U BBSRC Extranet Primary Plus Other bookmarks

Google 🔍

All Images Videos News Maps More Settings Tools

About 427,000,000 results (0.48 seconds)

The 25 Best STEM Jobs for 2017

- Financial Manager.
- **Information Security Analyst.** ...
- **Business Operations Manager.**
- Industrial **Psychologist.** Median
- **Civil Engineer.** Median Salary: \$
- Computer Support Specialist. Me
- Management Analyst. Median Sa
- **Financial Analyst.** Median Salar

More items...

The 25 Best STEM Jobs for 201

<https://money.usnews.com/careers/slides>

People also ask

← → ↻ <https://careerwise.minnstate.edu/careers/viewCareers?id=15> ☆

Apps Google YouTube Longdo Dictionary Cambridge Dictionary Merriam-Webster Di Corpus Leeds U BBSRC Extranet Primary Plus Other bookmarks

Career Search Results

Your Selection:

Science, Technology, Engineering,
and Mathematics

Narrow Your Results by:

A B C D E F G H I J K
L M N O P Q R S T U V
W X Y Z [Show All](#)

[Start a new search](#)

Careers in Science, Technology, Engineering, and Mathematics

62 careers found

Name
Aerospace Engineers Design, construct, and test aircraft.
Anthropologists and Archeologists Study the behavior of human beings in different parts of the world and different periods in time.
Architectural and Engineering Managers Coordinate and manage the work of architects and engineers.
Astronomers Observe and study stars, planets, and other astronomical phenomena.
Atmospheric and Space Scientists Investigate weather-related phenomena to prepare weather reports and forecasts for the public.
Biochemical Engineers Develop products using knowledge of biology, chemistry, or engineering.
Biochemists and Biophysicists Study the chemical composition or physical principles of living cells or organisms.
Bioinformatics Scientists Conduct research using bioinformatics theory.

STEM INDUSTRIES



Civil Engineering



Electronic engineering



Environmental engineering



Industrial engineering



mechanical engineering



Systems engineering



Health



Computer Science



Computer Software



Robotics



Electronics



Materials Science

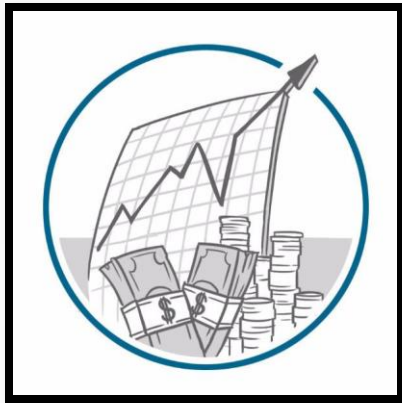


Research



Summer camp

STEM INDUSTRIES (cont.)



Technical Services



- Installation
- Maintenance
- Support Services
- Consultancy

[Click here](#)



Technical Service in Thailand

Assessment and certification of regulations or standards requirements

- Assessment & certification process: ISO 9000
- Laws & regulations compliance support
- Environmental Impact Assessment
- Health Impact Assessment

Product design

- Eco design
- Industrial design: Packaging
- Industrial design: Product features
- Graphic design: Labelling & logo

Design and improvement of production technology

- Product design: Machinery & parts
- Product design: Automation

Operations efficiency

- Efficiency improvement: Production process
- Quality (Process) Management
- Manufacturing process specialization

Energy efficiency

- Efficiency improvement: Energy
- Energy management / ISO 50001
- Selection and Implementation of alternative energy
- Selection and Implementation of clean technology

Waste treatment solutions

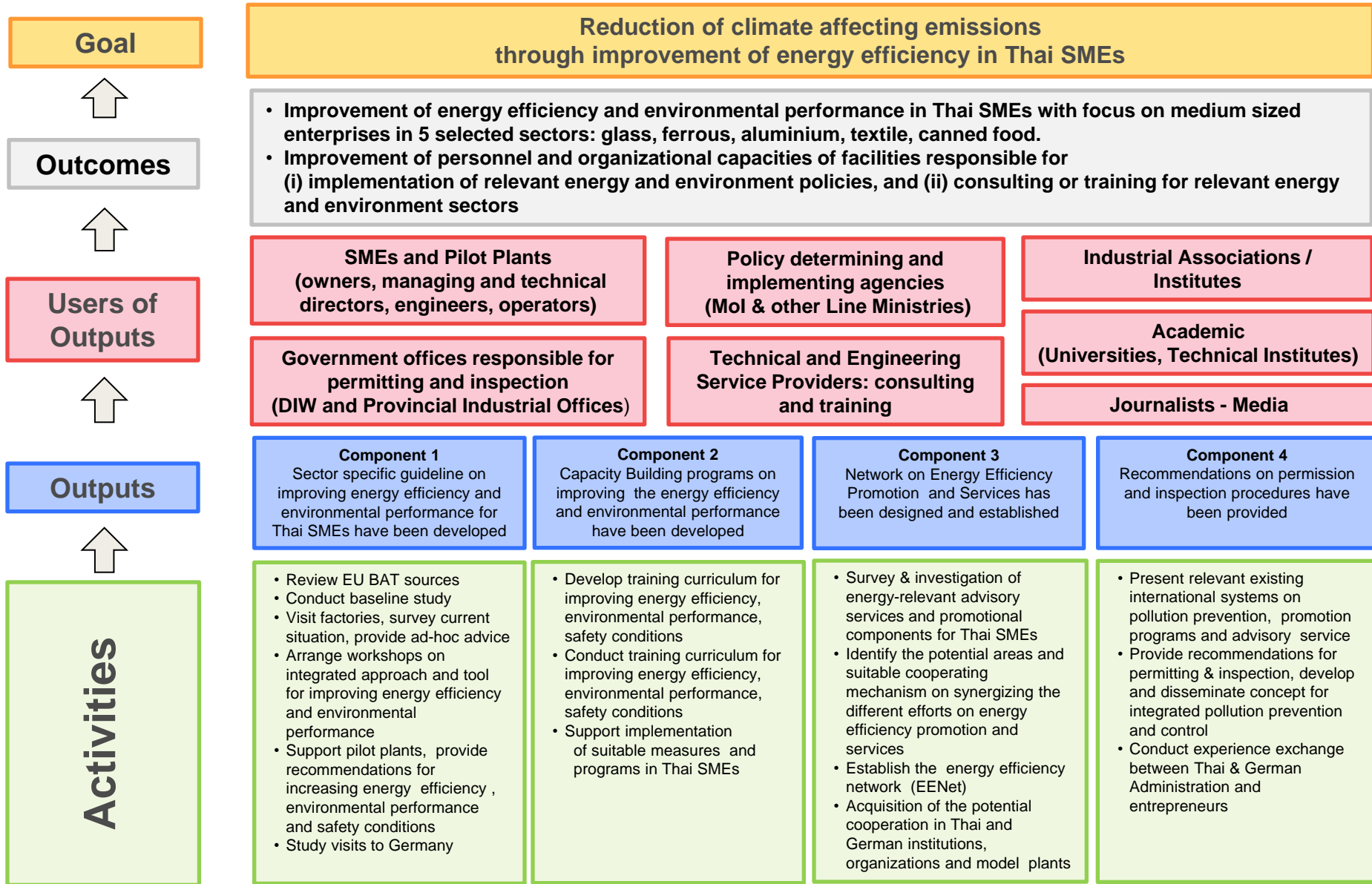
- Selection and Implementation of waste treatment systems
- Waste management solutions
- Environmental management

Organization development

- Corporate Social Responsibility / ISO 26000
- Integrated management consulting: TQM, TPM, TQA
- Safety management
- Workplace improvement
- Workforce development

Others

- Green-field setup: plant design & construction
- Laboratory services
- ERP Software implementation
- Networking with government services
- Plant services provider: maintenance





S & I in Diplomacy

- The Science and Innovation Network (SIN) has approximately 90 officers in over 30 countries and territories around the world building partnerships and collaborations on science and innovation.
- SIN officers work with the local science and innovation community in support of UK policy overseas, leading to mutual benefits to the UK and the host country.



S & I in Diplomacy

What SIN does

- SIN teams develop country-specific action plans and work to the following global objectives:
- Prosperity – enhancing UK growth and exports; connecting innovative UK industries and scientific expertise with international opportunities
- Security – delivering solutions to global challenges such as anti-microbial resistance (AMR), health, energy, the conservation and sustainable use of oceans, and enhancing resilience to natural disasters
- Influence – strengthening the UK's foreign policy influence through science and innovation
- Development – supporting international development goals and matching UK expertise to international need

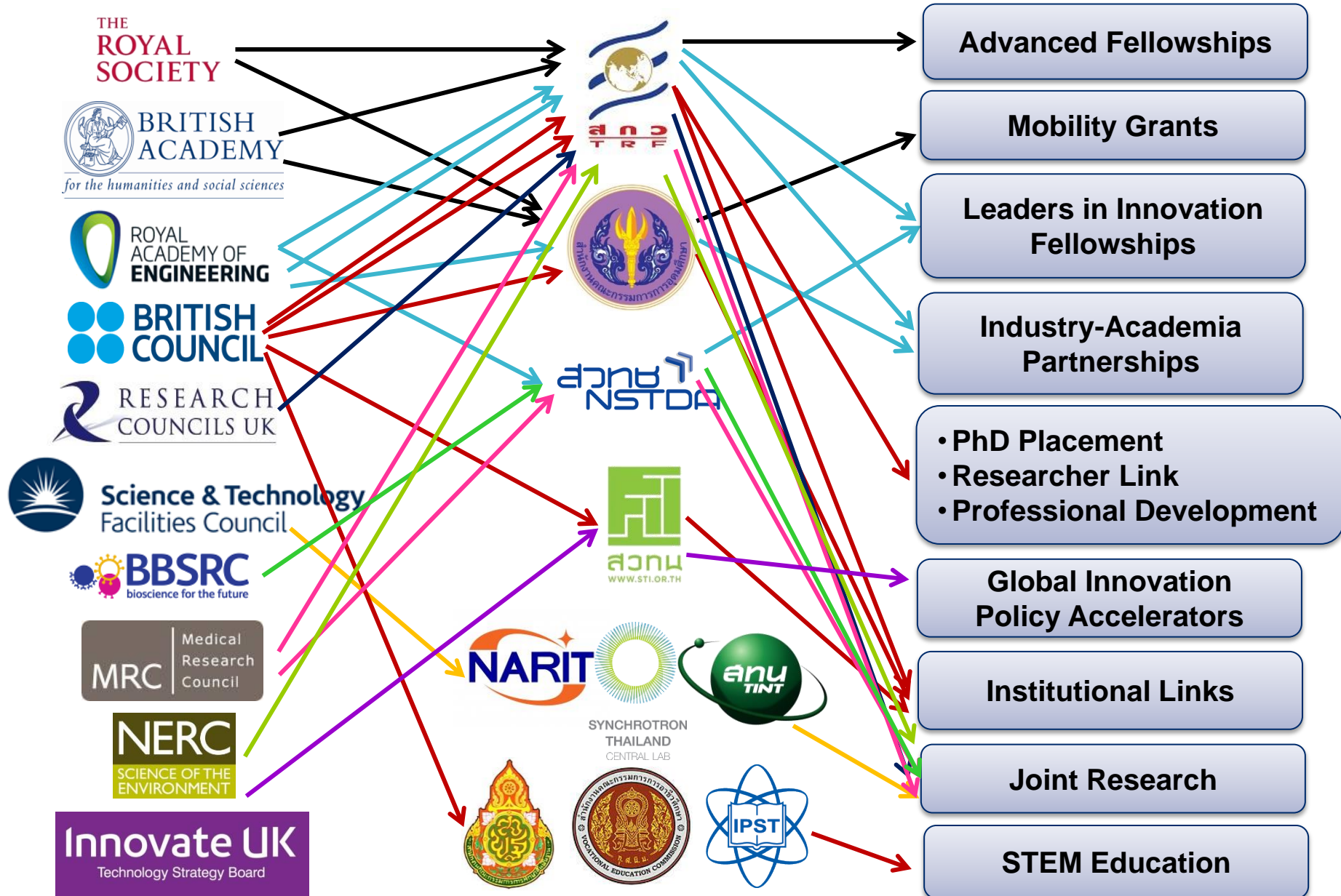


S & I in Diplomacy

series of thematic programmes:

- Health and Life Sciences
- Clean Energy
- Food and Agriculture
- Future Manufacturing
- Cyber and Information Communications Technology (ICT)
- Quantum Technology
- Future Cities
- Resources and resilience
- Polar Regions
- Space
- Oceans

In-Country Coordination / Facilitation



PEOPLE

- **STEM Education**
- **PhD Placement:**
PhD. Scholar and Travel Grant for PhD. Supervisor
- **Mobility Grants**
- **Advanced Fellowships**
- **Professional Development:**
Mid-Career Researchers and Project Officers
- **Researcher Links:**
Workshop Grant and Travel Grant

RESEARCH

- **Skills in Data Analysis and Advanced Engineering through Astronomy**
- **Exploiting Synchrotrons for Industry and Societal Needs**
- **Skills for Using Large Facilities:** *Synchrotrons Source, Neutron Source and High Power Laser*
- **UK-TH Health Research:**
Infectious Diseases and Non-Communicable Diseases
- **UK-China-PH-VN-TH Rice Research**
- **UK-China-PH-TH Swine and Poultry Initiative**
- **Atmospheric Pollution and Human Health**
- **Energy – Food – Water – Environment Nexus**
- **Increasing Resilience to Hydrometeorological Hazards**

TRANSLATION

- **Industrial-Academia Partnerships**
- **Leader in Innovation Fellowships**
- **Global Innovation Policy Accelerators**
- **Institutional Links**

S & I in Diplomacy: CSA

Most government departments have a Chief Scientific Adviser (CSA) to provide scientific advice. Presently there is 26 CSAs

Role

- The network advise the Government Chief Scientific Adviser on all aspects of policy on science and technology. In particular, they:
- provide advice to ministers, through the Cabinet committee system
- discuss and facilitate implementation of policy on science, technology, engineering and mathematics (STEM)
- identify and share good practice in STEM-related areas, including the use of scientific advice in policy making
- facilitate communication on particular high profile STEM-related issues and those posing new challenges for government

S & I in Diplomacy: CSA

FCO Chief Scientific Adviser: Professor Carole Mundell



She is Professor of Extragalactic Astronomy, Head of Astrophysics at the University of Bath and a Fellow of the Institute of Physics.

Her career highlights include:

- Royal Society Wolfson Research Merit Award (2011 to 2016) for the study of black hole-driven explosions and the dynamic Universe
- FDM Everywoman in Technology Woman of the Year (2016)
- Science and Technology Facilities Council (STFC) Board Member and STFC Skills and Engagement Advisory Board Chair (2015)

THANK YOU

