



30 September 2011

**Science, Technology and Education News from Taiwan
Number 09 — September 2011**

- As science and technology are crucial to Taiwan's industrial transformation and competitiveness, remodeling the decision-making structure is a key process. The mechanisms for Taiwan's science and technology policymaking and management are likely change radically next year with the first phase of the reorganization of the Executive Yuan under way. The government will use this opportunity to ensure clear lines of authority, especially in relation to the allocation of resources. Under the existing framework, an unofficial task force, the Science and Technology Advisory Group (STAG), helps ministers without portfolio map out Taiwan's science and technology policy goals, while the National Science Council is responsible for planning development strategies, evaluating research proposals and distributing resources, mainly concerning the promotion of upstream, basic research. The Ministry of Economic Affairs, Council of Agriculture and other Cabinet-level agencies related to R&D are in charge of managing the industrial application of research results. Within this two-tier, multiple-agency structure, the effectiveness of cross-agency coordination affects the entire direction of policy and the degree to which economic and industrial views are integrated. The functions and efficacy of STAG, however, have changed with different premiers and ministers without portfolio. In the new framework following government restructuring, according to the Organic Act of the Executive Yuan, STAG will become an official committee—tentatively known as the Science and Technology Policy Board—and the NSC will be converted into a Ministry of Science and Technology. The STPB will be responsible for planning overall policy and distributing relevant resources, as well as evaluating and administering major development projects. The new ministry will implement policy and promote both basic and applied research. This revamping will improve cross-agency collaboration, increase connections between fundamental research and commercial applications, and consolidate policymaking.
- R&D 100 Awards, selected by an independent judging panel and editors of R&D Magazine published in the U.S. are believed the ultimate technological and innovative achievement by most of Tech-fans. The Industrial Technology Research Institute (ITRI), generally seen as the hotbed of technological invention and innovation in Taiwan, again proved it's in the same league as Intel, Dell, 3M and Hitachi, who are also R&D 100 Award winners, by entering two eco-friendly technologies that defeated many rivals worldwide: the rewritable i2R e-Paper and polarizer protective film HyTAC. Other Taiwan's research institutes such as the Institute for Information Industry (III) and Taiwan Textile Research Institute also received the rewards.

Taiwanese Winners of 2011 R&D 100 Awards

Industrial Technology Research Institute, Taiwan	HyTAC (Thin-Film and Vacuum Technologies)	
Industrial Technology Research Institute, Taiwan	i2R e-Paper, ITRI re-writable and re-usable electronic paper technology (Materials Sciences)	
Institute for Information Industry (III), Taiwan	In-Snergy Technology: Cloud-based Intelligent Energy Management Technology (Energy Devices)	
Taiwan Textile Research Institute	All-Foldable Fabric Ultra-Capacitor (Electrical Devices)	Litnertex Co., Ltd.

Contents

1.	Team makes lung cancer breakthrough	3
2.	Local institute makes breakthrough in enterovirus vaccine research	3
3.	Taiwan, 1st Asian nation to win Solar Industry Awards: ITRI	3
4.	Researchers unveil Taiwan-made portable medical PC	3
5.	Taiwanese academic wins lifetime award for sugar science studies	4
6.	Taiwan researchers unveil intelligent wheelchairs	4
7.	Breakthrough reached on synthetic meningitis C vaccination	4
8.	Taiwan firms pledge investment in biotechnology	4
9.	TWi Biotechnology successfully completes patient recruitment for Phase IIb trial of AC-201 for the treatment of Type II Diabetes	4



**TRADE OFFICE OF SWISS INDUSTRIES
(TOSI)**

瑞 士 商 務 辦 事 處

*Rm. 3101/31F, 333 Keelung Road, Sec. 1
Taipei 11012, Taiwan, R.O.C.
Tel. 886-2-2720 1001 Fax 886-2-2757 6984
e-mail address: tosi@swiss.org.tw
website: www.swiss.org.tw*

10.	Study Finds Bidirectional Relationship Between Schizophrenia & Epilepsy	5
11.	New target in influenza virus identified by Academia Sinica	5
12.	Gene mutation blamed for enterovirus outbreak in 2006	5
13.	32 Taiwanese student designers among the "Best 100" award winners in the 2011 iF Concept Award	6
14.	Science exhibition looks to a future of mind control	6
15.	Abnova, Clearbridge Tie Up in Cancer-Diagnostic Device Market	6
16.	Brain-wave system helps drivers to remain awake	6
17.	Scientists announce technology to grow meat faster at lower cost	7
18.	Taiwan Targets Developing High-end Medical Equipment in 3 Stages	7
19.	Universal hepatitis B vaccine produced far-reaching effects	7
20.	Hsinchu team shakes up earthquake engineering competition	7
21.	NCKU Signs Agreement to Develop Offshore Wind Power	8
22.	Academia Sinica joins scientists on critical issues regarding global future	8



1. Team makes lung cancer breakthrough

(Taipei Times, 04 09 2011)

A medical research team funded by the National Science Council (NSC) said it has discovered how to predict the effectiveness of targeted lung cancer therapies. The discovery would help doctors decide if they should switch to alternative treatment methods for the 20 to 30 % of patients for whom targeted therapy is currently ineffective, the team said. The medical team has identified a set of gene copy number imprints that can predict lung cancer recurrence and its survivability rate. The team compared the genes from 138 lung adenocarcinoma (a common type of lung cancer) patients, and discovered a difference in gene copy numbers between mutated EGFR and non-mutated EGFR. They found significant differences on the seventh pair of chromosomes and identified a further six genes on the chromosome that could effectively predict whether EGFR mutation lung cancer patients would respond well to targeted therapy. However, the advance prediction formula — which was calculated from observations of how much the mutation rate can be converted to a treatment response rate — needs to be backed up by further evidence from more cases in the actual trial period.

<http://www.taipeitimes.com/News/taiwan/archives/2011/09/04/2003512432>

2. Local institute makes breakthrough in enterovirus vaccine research

(Central News Agency, 06 09 2011)

The National Health Research Institutes (NHRI) has achieved a breakthrough in its development of an enterovirus 71 (EV-71) vaccine, finding that the version it has developed so far can efficiently generate antibodies in humans, a member of the research team reported. In the first phase of the clinical trials that will be completed by the end of this year, the vaccine produced more than 600 times the normal level of antibodies in adults, said Su Jh-jen, head of the NHRI's National Institute of Infectious Diseases and Vaccinology. The next phase will be to test the vaccine in various age groups next year to determine how many doses will be required to resist the virus. Phase three will be carried out at several medical centers in different countries, with the aim of finding out how much protection the vaccine can provide against EV-71 infection. The Taiwan team has applied for seven international certificates and is optimistic about being able to offer the vaccine domestically and internationally.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aTPS&ID=201109060044

3. Taiwan, 1st Asian nation to win Solar Industry Awards: ITRI

(Central News Agency, 06 09 2011)

Taiwan's Industrial Technology Research Institute (ITRI), the developer of a high efficiency PV-panel-Antenna Integration technology, was recognized as an Excellent Organization at the Solar Industry Awards (SIA), marking the first Asian country to receive the title, ITRI said. SIA, one of the prestigious awards in solar energy, was established in 2009 by Angel Business Communication Ltd., a publisher of trade magazines in the United Kingdom. David Ridsdale, the chief editor of the company, and a panel of experts from the PV industry have selected ITRI from 2,000 entries as the organization that made the most creative and influential product. ITRI's novel planar antenna uses a panel of photovoltaic cells as a metamaterial FSS radome for dual-band operation. A 10-Watt, 72-cell unmodified commercial photovoltaic panel is applied as a transparent layer in the first operation band and as a semi-transparent layer in the second operation band to achieve high antenna gain.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aECO&ID=201109060035

4. Researchers unveil Taiwan-made portable medical PC

(Taiwan Today, 06 09 2011)

Researchers in Taiwan have developed a portable tablet computer designed especially for use by medical personnel. The joint developers of the product, National Yangming University and mobile communications business MiTAC International Corp., said that the tablet measures 6 inches across the diagonal, allowing doctors and nurses to hold it in one hand and carry it in their pockets. The gadget, named MioCARE, is equipped with Bluetooth and Wi-Fi connectivity, according to Chang, adding that it can also be sterilized with an alcoholic solution. Physicians and care providers can store all the latest information on their patients on MioCARE, which is also equipped with a scanner allowing it to read barcode entries.

<http://www.taiwantoday.tw/ct.asp?xItem=175375&ctNode=445>



5. Taiwanese academic wins lifetime award for sugar science studies

(Central News Agency, 07 09 2011)

Lee Yuan-chuan, an Academia Sinica academician, has won the Rosalind Kornfeld Award for his pioneering glycobiology studies spanning over 50 years, the country's highest research institute announced. Lee, elder brother of former Academia Sinica President and Nobel laureate Lee Yuan-tseh, was selected as the winner of the 2011 Rosalind Kornfeld Award for Lifetime Achievement in Glycobiology in recognition of his seminal contributions to advancing the frontiers of the discipline, Academia Sinica said. The U.S.-based Society for Glycobiology announced its decision to honor Lee Sept. 2 and will present the award at its annual conference in Seattle scheduled for Nov. 9-12. The Rosalind Kornfeld Award for Lifetime Achievement in Glycobiology is given to scientists who make influential contributions to the field.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aALL&ID=201109070013

6. Taiwan researchers unveil intelligent wheelchairs

(Taiwan Today, 08 09 2011)

A cross-disciplinary research program has successfully developed three smart robotic wheelchair models and a safer bus for senior citizens and the disabled, according to the National Science Council. The project involved 117 professors and 333 students from five universities, and has acquired eight patents to date. Collaborating researchers in physical medicine and rehabilitation, mechanics, and engineering came from National Taiwan University of Science and Technology, National Taipei University of Technology, Yuan Ze University and National Cheng Kung University. The NSC expects these inventions, when brought into mass production, to provide greater mobility and better life for Taiwan's seniors and disabled.

<http://www.taiwantoday.tw/ct.asp?xItem=175574&ctNode=445>

7. Breakthrough reached on synthetic meningitis C vaccination

(Central News Agency, 13 09 2011)

Academia Sinica, Taiwan's top research body, said it has developed a new sugar compound that can help produce synthetic meningitis C vaccination of higher purity. The current meningitis C vaccination consists of compounds called polysaccharides with various lengths of sugar molecules, with four sugars being the longest, said the Genomics Research Center under the institution. The problem is that it is difficult for scientists to know how many sugars create the most effective vaccination. But researchers at the Genomics Research Center have now successfully pushed that length to 12 sugars. They said the length needs to be at least eight to 10 sugars to be biologically effective. The breakthrough can help scientists figure out what length is the most effective, and lead to the development of more concentrated meningitis C vaccinations of that exact length in sugars.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aECO&ID=201109130027
<http://www.taiwantoday.tw/ct.asp?xItem=175932&ctNode=445>

8. Taiwan firms pledge investment in biotechnology

(Taiwan Today, 16 09 2011)

Taiwan's biotechnology sector received a major boost with 12 biomedical firms pledging to invest NT\$1.62 billion in the Hsinchu Biomedical Science Park so far, according to the park administration. According to the official, one of the companies is already in operation, while the rest will soon set up shop at the HBSP to produce artificial joints and tooth roots, cancer treatment equipment, diagnostic supplies and generic and stem-cell drugs, among other products. Occupying 38.1 hectares of land, the HBSP features a major research hospital, a research and development center and a business incubation center, including a biotechnology complex that can house up to 50 firms.

<http://www.taiwantoday.tw/ct.asp?xItem=176166&ctNode=445>

9. TWi Biotechnology successfully completes patient recruitment for Phase IIb trial of AC-201 for the treatment of Type II Diabetes

(BiotechEast, 19 09 2011)

Taiwan-headquartered TWi Biotechnology, Inc. announced the successful patient recruitment for a multinational, multicenter, randomized, double-blind, placebo-controlled, dose-ranging Phase IIb clinical trial of its drug candidate



AC-201 for the treatment of Type II Diabetes. A combined 240 patients from 13 US sites plus 8 Taiwan sites have been enrolled in the trial, according to the announcement. With six-month treatment and one-month follow-up, completion of the trial data analysis is expected in the early second quarter of 2012. The trial's primary endpoint is defined as the change in glycated hemoglobin A1c (HbA1c) from baseline compared to placebo after twenty-four weeks of treatment, according to the company. In addition, the study is reportedly designed to demonstrate additional benefits by monitoring various secondary endpoints including change in lipid profile, change in body weight, change in blood pressure and change in beta-cell function.

<http://www.biotecheast.com/modules.php?op=modload&name=News&file=article&sid=2428&topic=2>

10. Study Finds Bidirectional Relationship Between Schizophrenia & Epilepsy

(AsianScientist, 20 09 2011)

A study published in *Epilepsia* has shown a bidirectional relationship between schizophrenia and epilepsy. With data from the Taiwan National Health Insurance database, researchers found that patients with epilepsy (a chronic neurological disorder characterized by seizures) were almost eight times more likely to develop schizophrenia (a neurological disorder characterized by hallucinations and paranoia). Similarly, patients with schizophrenia were about six times more likely to develop epilepsy. Researchers from Taiwan identified 5195 patients with schizophrenia and 11527 patients with epilepsy who were diagnosed between 1999 and 2008. Compared to the non-schizophrenia control (1.19 per 1,000 person-years), the incidence of epilepsy was higher in the schizophrenia patient group at 6.99 per 1,000 person-years.

<http://www.asianscientist.com/topnews/china-medical-university-hospital-bidirectional-relationship-between-schizophrenia-and-epilepsy-092011/>

11. New target in influenza virus identified by Academia Sinica

(Central News Agency, 20 09 2011)

A research team from Academia Sinica has identified a new anti-influenza drug target, the country's top research institute announced Tuesday. Led by Academia Sinica President Chi-Huey Wong and Director of the Institute of Biological Chemistry, Tsai Ming-Daw, the team identified a protein bonding structure, known as the "E339...R416" salt bridge, as the critical influenza virus protein structure fold formation, and found that when the protein is disrupted, it inhibits the virus's ability to replicate. The salt bridge is found in many different strains of influenza virus. The research team expects a drug targeted at the specific structure to be broadly effective, and render the virus less likely to become drug resistant. The salt bridge found on a particular protein fold, known as the nucleoprotein (NP) trimer, plays an important role in virus replication mechanisms, especially in the interaction with a crucial Ribonucleic Acid (RNA) enzyme in virus duplication. Through two common drug discovery screening techniques, four molecule compounds were isolated out of 1.7 million compounds. The selected compounds were 90 % effective in inhibiting viral replication of H1N1, a common influenza strain. Influenza virus are particularly difficult to cure because the virus continues to develop into new and drug resistant strains.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aECO&ID=201109200032

12. Gene mutation blamed for enterovirus outbreak in 2006

(Central News Agency, 21 09 2011)

Research results released by a local hospital showed that gene mutation of echovirus 18, a type of virus that causes enterovirus, was the culprit for the infection outbreak in 2006. Enterovirus infection is a disease mostly seen in children 3 years old and younger. Symptoms include fever, vesicles and ulcers in the mouth and on the palms and soles, spasms and vomit. Severe cases can lead to central nervous infection or death. The enterovirus epidemic in 2006 that took the lives of a few children was originally attributed to echovirus 18. The research conducted by National Cheng Kung University Hospital in southern Taiwan showed that a gene mutation of echovirus 18 caused the widespread infections among local children. The result was also published this month in the *Journal of Medical Microbiology*, a monthly academic journal in the UK. The 3D-structure image of the mutated gene was shown on the cover of the publication.

http://focustaiwan.tw/ShowNews/WebNews_Detail.aspx?Type=aLIV&ID=201109210048



13. 32 Taiwanese student designers among the “Best 100” award winners in the 2011 iF Concept Award

(Taiwan Economic News, 22 09 2011)

Thirty-two entrants from Taiwan were among the “Best 100” winners in the major design contest of the 2011 iF Concept Award, the world’s largest and most important student design award. Two entrants from Taiwan received the highest prize of 5,000 euros, one received 3,000 euros, and two others received 1,000 euros. Of the nearly 11,000 applications submitted to the 2011 iF Concept Award, 8,007 competed for the top prize, which is an 86% increase in the number of entries from last year. The iF Concept Award is now one of the world’s largest and most significant awards for young talent in the field of design. In 2010, the total number of entrants was 4,283. Applicants from 52 different countries (compared to 43 countries in 2010) included students as well as young graduates from the fields of design, architecture, marketing, and engineering.

http://cens.com/cens/html/en/news/news_inner_37833.html

14. Science exhibition looks to a future of mind control

(Taipei Times, 22 09 2011)

From a toy car remotely controlled with the mind to a game of archery that uses brain waves, the National Science Council’s “2011 Science Season: Technologies of the Future,” which opens next month, will give visitors an eyeful of new technologies. The council’s free exhibition will be held at National Chiang Kai-shek Memorial Hall for six weeks, beginning on 14 Oct. Four sections — life, education, medical care and exploration — will be featured at the show, whose theme this year is “The Future.”

<http://www.taipetimes.com/News/taiwan/archives/2011/09/22/2003513897>

15. Abnova, Clearbridge Tie Up in Cancer-Diagnostic Device Market

(Taiwan Economic News, 23 09 2011)

Abnova Corp. of Taiwan, a biotech company specializing in high throughput monoclonal antibody production, recently announced near-future diversification into diagnostic material and devices, with a new diagnostic-material factory in Taiwan under construction and to be completed in November this year. Abnova and Clearbridge BioMedics of Singapore, which specializes in novel platforms with applications in oncology research and diagnostics, recently announced to jointly develop a revolutionary platform that provides a next generation, non-invasive “liquid biopsy” for cancer screening, staging, treatment, and monitoring. Through this collaboration, Abnova said, it would leverage upon Clearbridge’s core ClearCell CTChip, which is an advanced micro-filtration system for the isolation, enumeration, and retrieval of viable circulating tumor cells (CTCs) from blood. Abnova will then incorporate its proprietary antibody reagents both research-grade antibody reagents and GMP clinical-grade antibodies, to enable the accurate diagnosis of specific medical conditions or diseases. The new Abnova-Clearbridge device provides a powerful adjunctive tool for the traditional yet more technique-demanding and invasive tissue biopsy for cancer staging. Abnova will register and market this device globally and introduce this new system into the research market in October this year, and in vitro diagnostic market by 2012, Abnova said.

http://news.cens.com/cens/html/en/news/news_inner_37856.html

16. Brain-wave system helps drivers to remain awake

(China Post, 23 09 2011)

The China Post news staff--Researchers from a local university have developed a brain-wave detection system to alarm motorists who doze off while driving, a newspaper reported. The “Mindo” system developed by researchers from the National Chiao Tung University (NCTU) can detect drivers’ brain waves wirelessly, the United Evening News said. When drivers fall asleep, it will send out voice warnings through Android smart phones to wake them up, the paper cited the researchers as saying. The system looks like an ordinary headset that people use for listening to music, the paper said. It took the researchers seven years to develop the system, which has already undergone successful trial runs, the paper said. The NCTU researchers said they are doing final testing on the system and expect to commercialize it by the end of this year, according to the paper.

<http://www.chinapost.com.tw/taiwan/national/national-news/2011/09/23/317529/Brain-wave-system.htm>



17. Scientists announce technology to grow meat faster at lower cost

(Biotecheast staff, 25 09, 2011)

A Taiwanese professor has developed a novel immune-inhibition technology that can shorten animals' growth period and reduce farmers' cost, an innovation that may provide a solution to the world's food shortage problem, according to an announcement by Taiwan's National Cheng Kung University (NCKU), Institute of Biotechnology. The technology developed by Tzong-Yueh Chen, a professor from the institute, promotes animal growth in such a way that meat will appear on the market earlier at a lower cost. This immune-inhibition technology produces specific antibodies and binds them to growth inhibition proteins found in fish, so the proteins will become deactivated and the growth rate in fish will accelerate, according to the announcement.

<http://www.biotecheast.com/modules.php?op=modload&name=News&file=article&sid=2435&topic=2>

18. Taiwan Targets Developing High-end Medical Equipment in 3 Stages

(Taiwan Economic News, 26 09 2011)

Taiwan is targeting to develop three high-end medical imaging product categories, including ultrasonic, digital X-ray equipment and magnetic resonance imaging (MRI), according to the Ministry of Economic Affairs (MOEA). The Ministry said that the first stage (2011-2014) includes enhancing R&D capability of private makers through subsidies to organizations, private companies, and academic institutes etc.; the second stage (2014-2016) includes commercialization, marketing of locally-developed technologies and products in especially emerging markets to establish brand image and distribution channels; and the third stage (2016-2018) calls for Taiwan-made high-end medical equipment and devices to further expand global share to 5% to 10% and be marketed in industrially advanced nations. MOEA also anticipates to see at least two Taiwan-based high-end medical equipment/device companies to be among the global top-10. MOEA also forecasts the production value of these three product categories will exceed NT\$15 billion by 2015.

http://news.cens.com/cens/html/en/news/news_inner_37870.html

19. Universal hepatitis B vaccine produced far-reaching effects

(Pediatric Supersite, 26 09 2011)

Up to 20 years after children in Taiwan started getting routine vaccines against hepatitis B, there is a continued trend toward reduced hepatitis B virus-associated membranous nephropathy, according to research published online. Min-Tser Liao, MD, of the department of pediatrics, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan, and other researchers examined data from 471 children who had been hospitalized with nephrotic syndrome and 488 long-term follow-up hepatitis B surface antigen-carrier children. The researchers said the prevalence of hepatitis B virus-associated membranous nephropathy "in children with [nephrotic syndrome] was 11.6% between 1974 and 1984; 4.5% between 1984 and 1994; 2.1% between 1994 and 2004; and 0% between 2004 and 2009." The researchers said the number of children who were seropositive with hepatitis B surface antigen also decreased after universal vaccination. "The vaccine produced a profound decline in hepatitis B virus infection via a reduction in horizontal transmission as well as a significant decrease in the overall incidence of hepatitis B virus-associated membranous nephropathy, which is closely related to hepatitis B horizontal infection," they wrote. The researchers said their data follow other data that have shown a decrease in the incidence of hepatocellular carcinoma prevalence in the population after the implementation of the universal hepatitis B vaccination program in Taiwan.

<http://www.pediatricsupersite.com/view.aspx?rid=87898>

20. Hsinchu team shakes up earthquake engineering competition

(Liberty Times, 27 09 2011)

A team from Taiwan's National Hsin Chu Senior Industrial Vocational School captured first prize at "Introducing and Demonstrating Engineering Research in Schools 2011," an international earthquake engineering competition held this year Sept. 25 in Taipei City. The University of Singapore and the Diliman branch of the University of the Philippines, netted the prizes for the university and graduate school divisions. A total of 96 student teams from around the world entered models which were evaluated for their strength in resisting earthquake damage. Competitors were required to use long wooden timbers, hot glue, rubber bands, and cotton string to construct a model capable of bearing the weight of iron block.

<http://www.taiwanheadlines.gov.tw/ct.asp?xItem=238355&CtNode=9>



21. NCKU Signs Agreement to Develop Offshore Wind Power

(Central News Agency, 28 09 2011)

National Cheng Kung University (NCKU) has signed a cooperation agreement with a non-profit organization and a company to build an offshore wind farm which can provide electricity for 130,000 households every year. The university's Research Center for Energy Technology and Strategy and Tainan Hydraulics Laboratory co-signed the agreement with Metal Industries Research and Development Center and Taiwan generations Corp. on September 23rd. According to Hsin-Yu Lin, general manager of Taiwan Generations Corp., since Taiwan started to develop onshore wind power a decade ago, the company has developed about 20 onshore wind farms with an installed capacity of nearly 400 megawatts and an average of only 20 mw per wind farm. Lin explained, "While the onshore wind farms and their scales are limited to provide adequate electricity for Taiwan, a small island with high population density, Taiwan Strait can produce powerful and stable wind power for large-scale offshore wind farms due to its unique terrain."

<http://www.taiwanheadlines.gov.tw/ct.asp?xItem=238417&CtNode=9>

22. Academia Sinica joins scientists on critical issues regarding global future

(Taiwan News, 29 09 2011)

Taiwan's leading research institute Academia Sinica September 28 met with scientists from around the world to discuss pressing problems facing the world and propose possible pathways to solutions at the General Assembly (GA) of the International Council of Science (ICSU). "ICSU plays a vital role in integrating resources in different scientific fields, as problems regarding sustainability can only be solved through cooperation among nations and organizations," said Wong Chi-huey, President of Academia Sinica. Led by Wong, the Taiwanese delegation attending the GA in Rome, has gathered with other 250 scientists to address topics ranging from sustainability to health and well-being in the changing urban environment.

http://www.taiwannews.com.tw/etn/news_content.php?id=1720897