



ENERGY PRIZE CHALLENGES

IDEA & INNOVATION MARKETS

Prepared for Technology Transfer Summit
US Department of Energy: Office of the Chief Information Officer
16 April 2012



Global Study of KIZ: Phase I



Publication available upon request.

National University Clean Energy Business Challenge

The screenshot shows a Windows Internet Explorer browser window. The address bar contains the URL: <http://energy.gov/articles/department-energy-awards-2-million-national-university-clean-energy-business-challenge-jump>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The toolbar shows various icons for navigation and utility. The page content features a green header with the ENERGY.GOV logo and a search bar. Below the header is a navigation menu with categories like PUBLIC SERVICES, SCIENCE & INNOVATION, and MISSION. The main article title is 'Department of Energy Awards \$2 Million for National University Clean Energy Business Challenge to Jump Start Young Entrepreneurship', dated September 27, 2011. The article text describes a \$2 million award for six regional winners to create a network of student-focused business creation competitions. A 'RELATED ARTICLES' section on the right includes a link to 'Calling all Young Entrepreneurs: Deadline for Energy Department Business Plan Competition Approaching'. The browser's status bar at the bottom shows 'Done' and 'Internet'.

Department of Energy Awards \$2 Million for National University Clean Energy Business Challenge - Windows Internet Explorer

<http://energy.gov/articles/department-energy-awards-2-million-national-university-clean-energy-business-challenge-jump>

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Home

Department of Energy Awards \$2 Million for National University Clean Energy Business Challenge to Jump Start Young Entrepreneurship

September 27, 2011 - 3:26pm

Washington, D.C. – The U.S. Department of Energy (DOE) recently announced \$2 million over three years for six regional awardees to create and administer a network of student-focused business creation competitions and inspire young entrepreneurs to found innovative, clean energy companies. Announced by DOE's Acting Assistant Secretary for Energy Efficiency and Renewable Energy, Dr. Henry Kelly, at a clean energy jobs event at the University of Florida-Gainesville yesterday, the six regional competitions will encourage students from across the country to develop successful business plans and join a new generation of American clean energy leaders. This national initiative, part of the Obama Administration's campaign to inspire and promote entrepreneurship called Startup America, will provide student participants with the skills needed to create new businesses and transform promising energy technologies from U.S. universities and national laboratories into innovative energy products that will help to create jobs, boost American competitiveness, and strengthen our economy.

*By promoting innovation at our nation's universities and cultivating America's next generation

RELATED ARTICLES

 **Calling all Young Entrepreneurs: Deadline for Energy Department Business Plan Competition Approaching**

The Next Generation of Entrepreneurs

<http://energy.gov/articles/department-energy-awards-2-million-national-university-clean-energy-business-challenge-jump>

America's Top Energy Innovator Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the Energy.gov website. The address bar shows the URL: <http://energy.gov/science-innovation/innovation/americas-next-top-energy-innovator>. The website header features the Energy.gov logo and a search bar. The main navigation menu includes: PUBLIC SERVICES, SCIENCE & INNOVATION, MISSION, News & Blog, Maps & Data, About Us, For Staff & Contractors, and OFFICES. The main content area features a large image of two Erlenmeyer flasks, one containing a clear liquid and the other a red liquid, both labeled '50 ml ±5%'. Below the image is a caption: "The America's Next Top Energy Innovator Challenge, a part of the Startup America initiative, makes it easier for start-ups to use inventions and technology developed at the U.S. Department of Energy's 17 National Laboratories and the Y-12 National Security Complex. | Photo courtesy of Lawrence Berkeley National Lab". To the right of the main image is a video player with a play button and a man in a white shirt. Below the video player is a section titled "INNOVATION PORTAL" with a diagram showing three stages: Identify, Build, and Fulfill. Below this is a section titled "DRIVING INNOVATION" with a link to "Colorado-based Startup e-Chromic Signs First 'Challenge' Agreement". The browser's status bar at the bottom shows "Internet" and "100%".

<http://energy.gov/science-innovation/innovation/americas-next-top-energy-innovator>

National University Clean Energy Business Challenge

Flow - National University Clean Energy Business Challenge - Windows Internet Explorer

http://flow.caltech.edu/

File Edit View Favorites Tools Help

Home About FLOW The Competition Partners & Sponsors Events News Contact

win \$200,000

clean energy challenge

NATIONAL UNIVERSITY CLEAN ENERGY BUSINESS CHALLENGE
WIN \$200,000 IN PRIZES AND START A NEW COMPANY

First Look West (FLOW) invites student teams throughout the Western U.S. to participate in the

GEORGIA INSTITUTE OF TECHNOLOGY
1891

Done Internet 100%

<http://flow.caltech.edu/>

Apps for Energy Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the Energy.gov website. The address bar shows the URL: <http://energy.gov/articles/secretary-chu-launches-first-ever-apps-energy-challenge>. The page features a green header with the Energy.gov logo and navigation menus. The main content area displays the article title and a sub-header. The article text describes the launch of the 'Apps for Energy' competition, which aims to encourage developers to create apps that help consumers save energy and money. The article is dated March 23, 2012, at 9:49am. On the right side, there are social media sharing options (Like, Tweet, Print) and a 'RELATED ARTICLES' section with two links: 'Energy Department Launches Apps for Energy' and 'Green Button: Providing Consumers with Access to Their Energy Data'. The bottom of the browser window shows the taskbar with the Internet Explorer icon and a 100% zoom level.

Secretary Chu Launches First-Ever "Apps for Energy" Challenge | Department of Energy - Windows Internet Explorer

http://energy.gov/articles/secretary-chu-launches-first-ever-apps-energy-challenge

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Secretary Chu Launches First-Ever "Apps for Energy" Challenge

March 23, 2012 - 9:49am

WASHINGTON, D.C. – As part of the Obama Administration's efforts to help consumers save money by saving energy, U.S. Energy Secretary Steven Chu launched yesterday the Department's first-ever "Apps for Energy" competition. "Apps for Energy" will challenge innovative software developers to build new apps – for mobile phones, computers, tablets, software programs and more – that utilize data from major utility companies to help consumers and businesses use less energy and save money. The competition will begin April 5, offering \$100,000 in cash prizes sponsored by the Energy Department and interested companies. This new initiative is part of the Administration's broader efforts to make government more open and to engage the American people in new ways. "Apps for Energy" will work closely with the Energy Department's recently revamped website www.Energy.gov that offers new tools and resources to help consumers connect with the Department on an interactive, dynamic information platform.

"Our top priority is to help consumers save money on their energy bills by providing them with easy access to data on how they use energy in their homes," said Secretary Chu. "Apps for Energy will challenge our nation's talented software developers to create apps that provide energy usage data in the most comprehensive and accessible formats."

Developers competing in "Apps for Energy" will create apps that are designed to make the best use

RELATED ARTICLES

-  Energy Department Launches Apps for Energy
-  Green Button Giving Millions of Americans Better Handle on Energy Costs

<http://energy.gov/articles/secretary-chu-launches-first-ever-apps-energy-challenge>

L Prize Competition

The screenshot shows a Windows Internet Explorer browser window displaying the L Prize website. The browser's address bar shows the URL <http://www.lightingprize.org/>. The website header features the L Prize logo and the text "U.S. Department of Energy". The main content area is divided into three columns. The left column contains a navigation menu with links for "Competition Overview", "Competition Requirements", "60W Replacement", "PAR 38 Replacement", "Program Partners", "Energy & Environmental Impact", and "News & Events". The middle column features a section titled "Transforming the Lighting Landscape" with a sub-section "PAR 38 COMPETITION REOPENS" and a sub-section "PHILIPS WINS FIRST L PRIZE". The right column contains a "SIGN UP FOR L PRIZE EMAIL UPDATES" button, a "News & Events" section with links to "L Prize winner featured in The Wall Street Journal" and "L Prize winner featured on CBS Sunday Morning", and a "Media mentions" section with links to "Media kit" and "Photo gallery". The browser's status bar at the bottom shows "Done" and "Internet".

L PRIZE
U.S. Department of Energy

Competition Overview

Competition Requirements

60W Replacement

Lab Testing
Field Assessments

PAR 38 Replacement

Program Partners

About
Join
Current Partners

Energy & Environmental Impact

News & Events

Transforming the Lighting Landscape

The L Prize competition will substantially accelerate America's shift from inefficient, dated lighting products to innovative, high-performance products. Just as Thomas Edison transformed illumination over a century ago, the L Prize will drive innovation and market adoption.

Sponsored by the U.S. Department of Energy, the L Prize is the first government-sponsored technology competition designed to spur lighting manufacturers to develop high-quality, high-efficiency solid-state lighting products to replace the common light bulb.

PAR 38 COMPETITION REOPENS
View the Competition Requirements >

PHILIPS WINS FIRST L PRIZE

SIGN UP FOR L PRIZE EMAIL UPDATES
Check the L Prize box at lower left

News & Events

L Prize winner featured in The Wall Street Journal
Learn more >

L Prize winner featured on CBS Sunday Morning
Learn more >

Media mentions >
Media kit >
Photo gallery >

<http://www.lightingprize.org/>

Clean Energy Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the Clean Energy Trust website. The browser's address bar shows the URL <http://www.cleanenergytrust.org/>. The website features a navigation menu with links for Home, About us, Partners, Offerings, Contact, Press, and Blog. Below the navigation menu, there are three main content blocks:

- Block 1 (Dark Background):** Text reads "Modernizing the nation's energy infrastructure is the most important economic opportunity in generations, sparking innovation and advancing American energy independence." Below this text is a button that says "LEARN + MORE".
- Block 2 (Blue Grid Background):** Features the "CLEAN ENERGY EXCHANGE" logo and the text "CONNECTING THE CLEAN ENERGY COMMUNITY". Below this is a button that says "LEARN + MORE".
- Block 3 (Red Grid Background):** Features a map of the United States with the text "+ CLEAN ENERGY CHALLENGE" and "MARCH 1ST 2012". Below this is a button that says "LEARN + MORE".

At the bottom of the page, there is a "NEWS" section with the text "THE CLEAN ENERGY TRUST was created to accelerate the development of Midwest clean energy businesses by..." and a "NEWS" button.

<http://www.cleanenergytrust.org/>

Spirit of Innovation Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the homepage of the Spirit of Innovation Challenge. The browser's address bar shows the URL <http://www.conradawards.org/>. The website header features the logo on the left, the slogan "Get Your Genius On™" in the center, and "Login" and "Register" buttons on the right. A navigation menu below the header includes links for Home, About Us, Competition, Contact, News, Finalists, and 2012 Summit. The main content area is a large banner with a background image of solar panels and a butterfly. The banner text reads "Clean Energy" and "Design an innovative product using clean energy to improve every day life." Below this text is a "Find Out More" button. At the bottom of the banner, the text "Challenging high school students" is displayed next to a blue rectangular button. The browser's status bar at the bottom shows "Done" and "Internet".

<http://www.conradawards.org/>

Progressive Automotive X Prize

COMPETITION TIMELINE | Progressive Automotive XPRIZE - Windows Internet Explorer

http://www.progressiveautoxprize.org/prize-details/competition-timeline

File Edit View Favorites Tools Help

COMPETITION TIMELINE | Progressive Automotive XP...

Search this site

Visit Us

PRIZE DETAILS WINNERS TEAMS MEDIA EDUCATION PHOTOS VIDEOS ABOUT X PRIZE

Revolution Through Competition

COMPETITION TIMELINE

The Progressive Insurance Automotive X PRIZE chose the state of Michigan to host an intense multi-stage competition that aimed to pit some of the world's most fuel efficient vehicles against one another in a quest to win their share of a \$10 million prize purse. Qualified teams arrived in Michigan for the start of on-track performance events in the Spring of 2010, thanks to a unique new partnership with the Michigan Economic Development Corporation (MEDC) and the Michigan International Speedway (MIS).

The series of scored performance and evaluation events kicked off April 26, 2010 and continued through the end of August 2010. During this time, the Progressive Insurance Automotive X PRIZE conducted several competition stages aimed at evaluating the efficiency, safety and performance of each competition vehicle under real world conditions. While in Michigan, the competition allowed the public and the automotive world an opportunity to witness the competition stages as they unfolded.

The competition stages were as follows:

- APRIL 26 – MAY 7, 2010: SHAKEDOWN STAGE
Location: Michigan International Speedway, Brooklyn, MI

The purpose of this first stage was to conduct safety inspections and on-track dynamic safety evaluations of competition vehicles. Teams submitted their cars to on-the-ground challenges for the purpose of shaking out problem areas and preparing their vehicles for the Knockout Qualifying Stage that follows, all without risk of elimination by the judges. Vehicles were tested on braking speed, lane change ability, acceleration and refueling/recharging time, among other elements.

- JUNE 16-30, 2010 KNOCKOUT QUALIFYING STAGE
Location: Michigan International Speedway

To narrow the field of competitors, Progressive Insurance Automotive X PRIZE officials re-conducted inspections and certified readiness for knockout stage challenges. In order to pass this stage, teams demonstrated that their vehicles could achieve at least two-thirds of the stated 100 MPGe (miles per gallon or energy equivalent) goal while also meeting expectations for range, emissions, and real world performance. Achieving emissions thresholds proved a significant hurdle for teams in this stage as will the "hill climb" challenge.

- JULY 19-30, 2010 FINALS STAGE

Done

Internet 100%

<http://www.progressiveautoxprize.org/prize-details/competition-timeline>

X-Prize Energy & Environment Prize Group

The screenshot shows a Windows Internet Explorer browser window displaying the X-Prize Energy & Environment Prize Group website. The browser's address bar shows the URL: <http://www.xprize.org/prize-development/energy-and-environment>. The website features the X-Prize Foundation logo and a navigation menu with categories: PRIZES, PRIZE DEVELOPMENT, MEDIA, BLOGS, EDUCATION, SUPPORT, ABOUT, and a DONATE button. The main content area is titled "Energy & Environment Prize Group" and includes a photograph of two children standing in a field with a wind turbine in the background. To the right of the photo, it states "Presented By CISCO" and "Cisco and the X PRIZE Foundation are working together to drive innovation in energy and for the environment." Below this, the text reads: "The goal of the Energy & Environment Prize Group is to generate breakthroughs in clean energy, climate change, energy distribution/storage, energy efficiency/use, and water resource management. Advances in these fields will lead to greater sustainability and efficiency, while reducing our dependence on fossil fuels." At the bottom of the main content area, it lists "Awarded | In Development | Concepts" and "Awarded". On the left side of the website, there is a "Prize Development" section with a list of prize groups: Energy & Environment Prize Group, Exploration Prize Group, Education & Global Development Prize Group, Life Sciences Prize Group, X PRIZE Labs, and Visioneering. Below this is a "SUPPORT OUR WORK" section with a numbered list: 1. Donate, 2. Attend an Event, 3. Newsletter, 4. Get Involved, 5. Tell a Friend, 6. Become an Adviser. The browser window also shows a search bar, social media links for Twitter, YouTube, Facebook, and LinkedIn, and a "GET NEWSLETTER" button.

<http://www.xprize.org/prize-development/energy-and-environment>

Energy2B

The screenshot shows a Windows Internet Explorer browser window displaying the Energy2B website. The address bar shows the URL http://www.energy2b.eu/energy2b_eu. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar also contains a search icon and the Google logo. The website's navigation menu includes ENERGY2B.EU, PROJECT INFO, PARTNERS, DOCUMENTATION, PRESS AND MEDIA, NEWS, and EVENTS. A login/register box is visible in the top right corner, with the text "LOGIN Use your e-mailaddress and password to log in!" and "OR REGISTER Not registered yet? Come on it's free!". The main content area features the Energy2B logo, a "Welcome!" message, and instructions in English, Portuguese, and Polish. A large image shows a man holding a sign that says "TURNING IDEAS INTO REALITY" with a solar panel and wind turbines in the background. The footer includes logos for The University of Sheffield, Technical University of Lodz, Universidade de Coimbra, and TU - Sofia. The browser's status bar at the bottom shows "Done" and "Internet".

Energy2b.eu - Energy2B - Windows Internet Explorer

http://www.energy2b.eu/energy2b_eu

File Edit View Favorites Tools Help

ENERGY2B.EU PROJECT INFO PARTNERS DOCUMENTATION PRESS AND MEDIA NEWS EVENTS

LOGIN Use your e-mailaddress and password to log in! OR REGISTER Not registered yet? Come on it's free!

1595 PARTICIPATING STUDENTS

Welcome!

To open the Energy2B page for your University click [\[here\]](#) or on your University logo.

Para abrires a página Energy2B para a tua Universidade clica [\[aqui\]](#) ou no logótipo da Universidade.

Če želite odpreti stran Energy2B za vaš kliknite University [\[tukaj\]](#) ali na vašem logo University.

Aby otworzyć stronę Energy2B dla Twojego Uniwersytetu kliknij [\[tutaj\]](#) lub na logo Uczelni poniżej.

За да отворите страницата на програма Energy2B в България моля кликнете [\[тук\]](#).

TURNING IDEAS INTO REALITY

The University of Sheffield. Technical University of Lodz. Universidade de Coimbra. TU - Sofia.

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Done Internet 100%

http://www.energy2b.eu/energy2b_eu

Shale Gas Innovation Competition

The screenshot shows a web browser window with the following elements:

- Browser Title Bar:** Ben Franklin Technology Partners Shale Gas Innovation and Commercialization Center - Home - Windows Internet Explorer
- Address Bar:** http://www.sgicc.org/
- Navigation Bar:** Home, About, Partners & Advisors, Case Histories, Utilization, Events Calendar, Research & Reports
- Main Content Area:**
 - Header:** Shale Gas INNOVATION Ben Franklin & COMMERCIALIZATION CENTER
 - Text:** Partner With Us in Accelerating Innovations in Shale Gas Production, Utilization, and Environmental Stewardship. The mission of the Shale Gas Innovation and Commercialization Center (SGICC) is to establish a collaborative that will engage a wide range of partners with the intent to accelerate technology break-throughs related to the Shale Gas resource in Pennsylvania. The efforts of the partners will include the identification of funding sources for research and new product/process developments, expanded uses for natural gas, and tools that support environmental and regulatory issues.
 - Goals:**
 - Identify and support research of new
 - Strategies:**
 - Create a partner approach between
- Right-Side Callouts:**
 - Research in Action:** from lab to start-up in 8 months. Ben Franklin's Translational Research in Energy Support Program funded a recent "home-run" in the Marcellus Shale space. (Read More)
 - \$50,000 SHALE GAS INNOVATION CONTEST FINALISTS ANNOUNCED**
 - View Recent Presentations**

- Footer:** Done, Internet, 100%

UAE – Zayed Future Energy Prize

Zayed Future Energy Prizes Awarded at Abu Dhabi Conference | Solar Thermal Magazine - Windows Internet Explorer

http://www.solarthermalmagazine.com/2012/01/18/zayed-future-energy-prizes-awarded-at-abu-dhabi-conference/

File Edit View Favorites Tools Help

★ Favorites | Thought-Patterns.com - Home | WICI - World Intellectual Ca... | New Jersey Economic Devel... | The Idea Activators | Cityzone - An Enterprise Ne... | Suggested Sites | Free Hotmail

Zayed Future Energy Prizes Awarded at Abu Dhabi C...

Zayed Future Energy Prizes Awarded at Abu Dhabi Conference

Like Share 1 Tweet 13



The Annual Zayed Future Energy Prize celebrates achievements that reflect impact innovation, long-term vision and leadership in **renewable energy** and sustainability. The \$4 million prize, managed by **Masdar** in Abu Dhabi, recognizes and rewards innovation, leadership, and long-term vision in renewable energy and sustainability.

The Prize total of US\$3.5 million was awarded in the Small and Medium Enterprises (SMEs) & Non-Governmental Organizations (NGOs) category to the UK's Carbon Disclosure Project whilst India's Orb Energy and Environmental Defence Fund of the US were first and second runners-up respectively in the same category. Dr Ashok Gadgil from the US won the **Lifetime Achievement award** while French company Schneider Electric received a Recognition Award in the Large Corporations category.

In the SME & NGO category, Carbon Disclosure Project was awarded US\$1.5 million, while Orb Energy was named first runner-up with a cash prize of US\$1 million and Environmental Defense Fund took away US\$500,000 as the second runner-up.



THE POWER OF THE OCEAN IS OURS



PHOTO GALLERY

Daily News

Name:

Email:

SUBMIT

We respect your email privacy

Advertise Here

Done

Internet 100%

www.zayedfutureenergyprize.com/

UK Carbon Capture & Storage Competition

The screenshot shows a Windows Internet Explorer browser window displaying the DECC website. The address bar shows the URL: http://www.decc.gov.uk/en/content/cms/emissions/ccs/innovation/inn_comp/inn_comp.aspx. The page header includes the DECC logo and navigation links: About Us, Contact Us, Publications, Sitemap. A search bar is located in the top right. The main navigation menu includes: Tackling Climate Change, Cutting Emissions, Meeting Energy Demand, Funding & Support, Policy & Legislation, News, Statistics, Consultations, Blog. The page content is titled "£20 MILLION INNOVATION COMPETITION" and includes the following text:

On 13 March 2012, the Secretary of State launched DECC's £20 million competition for the development of CCS innovation technologies. This is part of the wider cross-government £125 million CCS research and development programme delivered by DECC, the [Technology Strategy Board](#), [Energy Technologies Institute](#) and [Research Councils](#) which will run up to 2015. This will fund:

- Fundamental research at our world class universities, and develop greater understanding of CCS
- Development of better, cheaper components to reducing the cost of CCS
- Pilot-scale capture projects, to test these components and systems before they are incorporated into commercial-scale projects

The overall aim of this £20 million innovation competition is to reduce the cost of CCS. This call will consist of two strands:

- **Strand 1** to fund feasibility studies looking to use the captured CO₂ from the Ferrybridge CCPilot100+ and Aberthaw capture pilots.
- **Strand 2** to fund development and demonstration, up to a scale of c10MWe, of CCS components, systems and technologies which could be subsequently incorporated into the supply chain of original equipment manufacturers (OEMs) and

The page also features a sidebar with navigation links: Carbon Capture and Storage, CCS innovation, Carbon Abatement Technologies (CAT) programme, and £20 million innovation competition. A "Share this" section includes links for Twitter, Blog, YouTube, and Email. The footer shows the status bar with "Done" and "Internet" icons.

http://www.decc.gov.uk/en/content/cms/emissions/ccs/innovation/inn_comp/inn_comp.aspx

MASDAR

The screenshot shows a Windows Internet Explorer browser window displaying the Masdar website. The browser's address bar shows the URL <http://www.masdar.ae/en/home/index.aspx>. The website header features the Masdar logo (A MUBADALA COMPANY) and navigation links for 'العربية' and 'Contact Us'. A main navigation bar includes 'About Us', 'Our Units', 'Associated Programmes', 'Media Centre', and 'Careers'. The main content area is dominated by a large banner image of wind turbines at sunset, with the heading 'Addressing Climate Change' and a sub-heading 'Addressing Climate Change'. Below this, a text block states: 'Masdar supports the development, commercialization and adoption of pioneering technologies that will help tackle climate change, building a more sustainable future for the UAE and the global community.' To the left of the banner are three smaller images with captions: 'The Reality of Future Energy', 'Addressing Climate Change', and 'Our Commitment to the Future'. Below the banner are three columns: 'In the News' with three news items dated 01 Apr 2012 and 20 Mar 2012; 'Associated Programmes' featuring the 'Zayed Future Energy Prize' logo and text about its vision; and 'Integrated Units' with text about Masdar's operations and future goals. The browser's status bar at the bottom shows 'Done' and 'Internet'.

<http://www.masdar.ae/en/home/index.aspx>

IBM Smarter Cities Challenge

The screenshot shows a Windows Internet Explorer browser window with the following details:

- Title Bar:** IBM Smarter Cities Challenge: About the Challenge: Boulder, United States - Windows Internet Explorer
- Address Bar:** http://smartercitieschallenge.org/city_boulder_co.html
- Navigation:** Back, Forward, Home, Stop, Refresh, Print, Google search.
- Menu Bar:** File, Edit, View, Favorites, Tools, Help
- Toolbar:** Favorites, Thought-Patterns.com - Home, WICI - World Intellectual Ca..., New Jersey Economic Devel..., The Idea Activators, Cityzone - An Enterprise Ne..., Suggested Sites, Free Hotmail
- Page Content:**
 - Header:** IBM logo, Smarter Cities Challenge logo, and social media icons (Facebook, Twitter, LinkedIn, YouTube, etc.).
 - Navigation:** Overview, About the Challenge, 2012 Recipients, 2012 Application, Cities (dropdown).
 - Main Section:** Boulder, United States
 - Image:** A photograph of a snowy street scene in Boulder, Colorado, featuring snow-covered trees, streetlights, and people walking.
- Status Bar:** Internet, 100%

http://smartercitieschallenge.org/city_boulder_co.html

SKIPSO CleanTech Challenge

skipso Powering the Cleantech Revolution

SIGN IN E-mail password? remember me Register for free | Forgotten

Competitions Funding District Marketplace

Competitions

Who is it for?
Types of Challenges
How it works
Leader Board **New!**
Help

Search

Challenges are for...

Innovation Seekers
Find solutions to your Cleantech problems
learn more

Challenge Solvers
Solve challenges and earn cash and recognition
learn more

Solvers Leader Board

Marissa Muller
San Francisco, California, United States
Points: 120

Mareike Mueller
Barcelona, Catalonia, Spain
Points: 120

Christophe Parot
France
Points: 110

Getting Started: Cleantech Challenges solved by Cleantech Experts

Launch Challenge Browse Challenges How It Works

Newest Challenges

CleanTech Challenge 2012 – Italian Chapter (Phase 2) € 5,000

CleanTech CHALLENGE Start-up Challenge Under Evaluation Learn Share 0 tweet

CleanTech Challenge, an opportunity to come out: Today there are proven technologies developed for other purposes which with creativity and intelligence could be used as.....

11 solutions - 32 participants | Deadline: **4 March 2012**

CleanTech Challenge 2012 – Italian Chapter € 5,000

Case Study

Organization:

Industry Focus:
Solar, Off-grid

Challenge:
Seeking innovative solutions and proposals to electrify a village in Rural Rwanda

Cash Award:
\$2,500

Challenge Winner:

<http://www.skipso.com/innovation.html>

ConocoPhillips Energy Prize

The screenshot shows a Windows Internet Explorer browser window displaying the ConocoPhillips Energy Prize website. The browser's address bar shows the URL: <http://www.conocophillips.com/EN/tech/energyprize/Pages/index.aspx>. The website features a red header with the ConocoPhillips logo and a search bar. Below the header is a navigation menu with categories: ABOUT, PRODUCTS & SERVICES, TECHNOLOGY & INNOVATION, SUSTAINABLE DEVELOPMENT, INVESTOR RELATIONS, NEWS CENTER, and CAREERS. The main content area is titled "Technology & Innovation" and includes a sidebar with a list of links: Technology and Innovation Initiatives, Upstream Technologies, Downstream Technologies, Emerging Technologies, Liquefied Natural Gas, Chemicals Technologies, Energy Prize, Official Contest Rules, Frequently Asked Questions, About the Sponsors, Past Winners, and Contact Us. The central text describes the 2011 ConocoPhillips Energy Prize as a joint initiative with Penn State, designed to recognize new ideas and original, actionable solutions that can help improve the way the United States develops and uses energy. It lists three focus areas: developing new energy sources, improving energy efficiency, and combating climate change. The 2011 Energy Prize Finalists section lists the winner, Adam Rein and Ben Glass, the first runner-up, Jason Aramburu and Team, and the second runner-up, Mark Masca. The footer of the browser window shows the status bar with "Done" and "Internet" icons.

<http://www.conocophillips.com/EN/tech/energyprize/Pages/index.aspx>

World Solar Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the website <http://www.viachallenge.com/challenges/world-solar-challenge/>. The page features the VIA CHALLENGE logo and a quote by Confucius: "Our greatest glory is not in never falling but in rising every time we fall." Below the quote is a search bar for challenges. The main content area is titled "World Solar Challenge" and includes a "BROWSE CHALLENGES BY:" sidebar with filters for Topic, Location, Education Level, Award Amount, and Award Type. The main text describes the challenge as a trial and exhibition of ecologically friendly vehicles through Australia.

VIA CHALLENGE

*"Our greatest glory is not in never falling but in rising every time we fall."
Confucius*

SEARCH CHALLENGES: go >

ABOUT VIA CHALLENGE | FIND A CHALLENGE | SUBMIT A CHALLENGE | RECOMMEND A CHALLENGE

BROWSE CHALLENGES BY:

- Topic
- Location
- Education Level
- Award Amount
- Award Type

World Solar Challenge

TOPIC: Clean Energy, Engineering & Design, Science & Technology, Transportation
LOCATION: Australia, NZ, Pacific Isles
AWARD: Recognition
TO ENTER: [Register](#) or [Login](#) to see the official Website for this Challenge!

Conceived out of the legendary World Solar Challenge that pioneered and promoted research into sustainable transport, electric vehicle technology has been developed to the extent that a solar powered car can carry its driver 3000km across Australia at an average speed of well over 100Kp/h average. Many of the huge improvements in solar conversion, battery technology, low rolling resistance tires and electric 'wheel' motors, are finding their way into the new generation vehicles demanded by the motoring public. The Global Green Challenge event is a trial and exhibition of ecologically friendly vehicles through the heart of Australia's iconic landscape.

<http://www.viachallenge.com/challenges/world-solar-challenge/>

Vestas Winnovation Case Challenge

Winnovation 2012. Wind. It means the world to us. | Vestas - Windows Internet Explorer

http://www.vestas.com/en/jobs/students---graduates/events/winnovation-2012.aspx

File Edit View Favorites Tools Help

Winnovation 2012. Wind. It means the world to us. | ...

Vestas Wind. It means the world to us.™

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Engineering Students from India, The Dominican Republic and China win big at

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<http://www.vestas.com/en/jobs/students---graduates/events/winnovation-2012.aspx>

RWE npower Energy Challenge

RWE Energy Challenge 2012 - Windows Internet Explorer

http://www.npower.com/energychallenge/

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WICI - World Intellectual Ca... New Jersey Economic Devel... The Idea Activators Cityzone - An Enterprise Ne... Suggested Sites Free Hotmail

RWE Energy Challenge 2012

RWE npower Energy Challenge 2012 How to enter Photos Video RWE npower Graduate site RWE AT A GLANCE

RWE The energy to lead

WELCOME TO THE RWE npower - ENERGY CHALLENGE 2012

[About the challenge](#) pdf download

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How to enter

Want to know how to enter this years energy challenge competition

[How to enter](#)



Past photos

View previous years energy challenge photos of the live final [View photos](#)



The energy challenge video

Watch last years energy challenge with interviews of participants and footage of the event.

[Watch the video](#)



About the challenge

Find out more about the challenge by downloading our pdf here. You will need Adobe reader to view this document.

[Download the pdf](#)



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<http://www.npower.com/energychallenge/>

Siemens Smart Grid Innovation Contest

Siemens Smart Grid Innovation Contest - Windows Internet Explorer

http://www.smartgridcontest.com/

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Siemens Smart Grid Innovation Contest

Welcome to the Siemens Smart Grid Innovation Contest

Join the University "Call-for-Proposals"

Timeline

Event	Date
Go Live	13-04-2011
End of Contest	31-05-2011
Jury Meeting	02-07-2011
Meeting of winners	15-09-2011
Start of Call-for-Proposals	04-10-2011
End of Call-for-Proposals	30-11-2011
Start of Research Cooperation	Early 2012

Idea Contest

Public > Go to Phase I

Call for Research Proposals

For Universities only > Go to Phase II

Finished

siemens.com Global Website | m.siemens.com Mobile Website | © Siemens AG 2002-2011 - Corporate Information | Privacy Policy | Terms of Use | Digital ID

Based on IDEANET

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<http://www.smartgridcontest.com/>

IEEE 2011 International Future Energy Challenge

Home Page - Windows Internet Explorer

http://www.energychallenge.org/

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Home Page

The IEEE 2011 International Future Energy Challenge™



IEEE



IEEE POWER ELECTRONICS SOCIETY
Powering a Sustainable Future

Sponsored by
IEEE Power Electronics Society

Co-sponsored by:



IEEE Power & Engineering Society
IEEE Industrial Electronics Society
IEEE Industry Applications Society

In cooperation with:



Power Sources Manufacturers Association (PSMA)

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<http://www.energychallenge.org/>

IDEAS 2012: Energy Innovation Contest

The screenshot shows a Windows Internet Explorer browser window displaying the IDEAS 2012 Energy Innovation Contest page. The browser's address bar shows the URL: <http://www.iadb.org/en/topics/energy/ideas/ideas,3808.html>. The page header features the IDB logo and navigation tabs for About Us, News, Videos, Topics (selected), Projects, Results, Research & Data, Publications, Knowledge, and Countries. A search bar and language options (Español | Français) are also present. The main content area includes a large graphic with a wind turbine, sun, and power lines, with the text "Topics Energy" and a "Watch video" button. A sidebar on the left lists navigation options: Home, About the contest, Application Form, Contest Documents, and Frequently Asked Questions. The central banner reads "What's your bright idea?" and "IDEAS Energy Innovation Contest" with a callout: "Up to \$200,000 (USD) per project". A right sidebar titled "Our Work in the Region" includes a globe, a "Select a country" dropdown, and a "Share" button. Below this, a section titled "IDEAS 2011" provides information about the previous year's contest and links to "press release" and "Winners list". A green button at the bottom right says "2011 Call for proposals". The browser's status bar at the bottom shows "Done" and "Internet".

<http://www.iadb.org/en/topics/energy/ideas/ideas,3808.html>

GVEP IDEAS Energy Innovation Contest

Energy contests | GVEP International - Windows Internet Explorer

http://www.gvepinternational.org/en/business/energy-contests

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Energy contests | GVEP International

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Home About GVEP Our Work Our Impact News Publications Energy Community

ENERGY CONTESTS

GVEP has been running business plan contests to award financial and technical help, such as the **IDEAS Energy Innovation Contest** and the **Access to Clean Energy Challenge East Africa**, in partnership with the IDB, GIZ and the Korean fund in Latin America and with the BiD Network in East Africa.

IDEAS Energy Innovation Contest



IDEAS is an Energy Innovation Contest intended to support the development outstanding companies and organisations contributing to the growth and promotion of renewable energy. IDEAS was first launched in February 2009, with funding from the Netherlands Directorate-General of Development Cooperation (DGIS), Ministry for Economic Cooperation and Development of Germany (BMZ), and the Korean Government. We received over 1,000 business proposals from 28 countries in Latin America and the Caribbean. We chose 26 winners, who each received a two-year development grant of up to US\$200,000. GVEP and the other contest sponsors also committed to working closely with each winner to provide technical advice, access to other experts and institutions, and introductions to funders and investors. GVEP's support allowed them to turn their ideas into commercially viable energy businesses.

A new IDEAS Energy Innovation Contest was launched on February 2012, this time focussed on supporting

OUR WORK

- Access to finance
- Corporate Services
- Developing energy enterprises
- Energy contests
- Energy for All

WHY ENERGY ACCESS?

Find out how energy helps to meet basic human needs

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<http://www.gvepinternational.org/en/business/energy-contests>

Energy Storage Challenge

OmniCompete - Energy - Windows Internet Explorer

http://www.omnicompete.com/energy

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OmniCompete - Energy

energy STORAGE CHALLENGE

OMNICOMPETE ACQUIRED BY INNOCENTIVE, INC.

Home Competitions Events About us Latest news Contact Forum Services

Latest News Press Releases Energy Storage Challenge How to Enter & FAQ Winner of Energy Storage Challenge 2011 Lab Demonstration Challenge

Energy Storage Challenge

Our current energy challenges relate to **transportable** energy storage. Transportable system can range in size from mobile phone batteries to systems that fit in 60 foot containers. They just have to be movable.

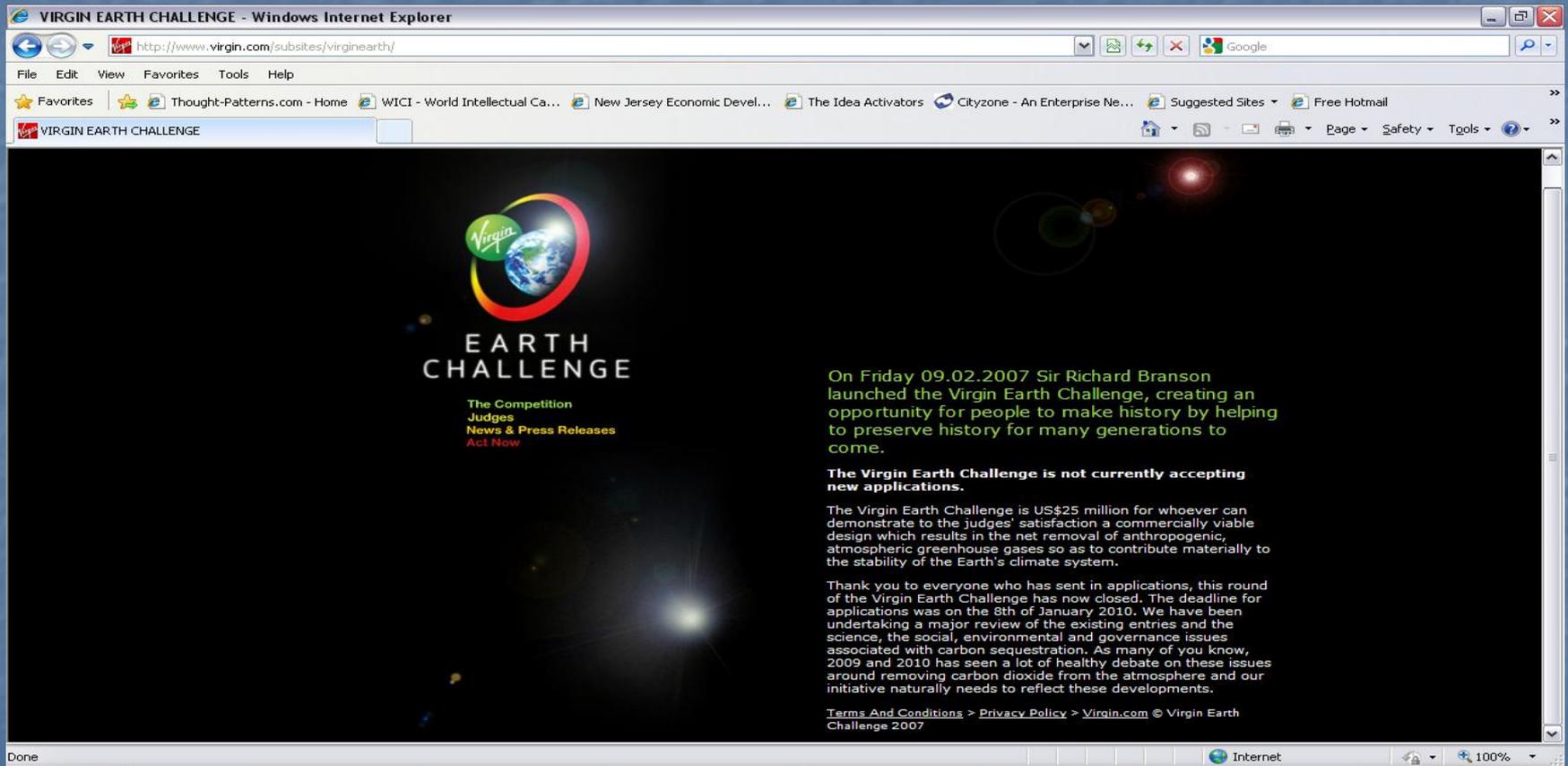
- Why concentrate on transportable energy storage?
 - Real world situations, not academic experiments
- Why a set of multiple related Challenges?
 - Full range of different technologies
 - Each challenge separate from the previous challenge
 - Shorten the current 8-15 year process of bringing research ideas into commercial product into a 3-5 year competition based model

Challenges recently closed:
Energy Storage Fundamental Ideas Challenge – Prize Fund US\$250,000
Inviting fresh ideas that can provide new types of **transportable energy storage**. Size can range from mobile phone batteries to systems that fit in 60 foot containers. Proposals must be notably different from existing systems.

Future Planned Challenges:
Energy Storage Lab Demonstration Challenge - Prize fund of US\$1,000,000 (tbc)
Systems that can plausibly be implemented within 2-5 years. The prize fund will be awarded to a proposal that meets certain predefined criteria, including power management and life cycle design. Finalists will present their prototypes at the Energy Storage Challenge Summit.

<http://www.omnicompete.com/energy>

VIRGIN Earth Challenge



The screenshot shows a Windows Internet Explorer browser window displaying the Virgin Earth Challenge website. The browser's address bar shows the URL <http://www.virgin.com/subsites/virginearth/>. The website features a dark background with a glowing Earth logo and the text "EARTH CHALLENGE". Below the logo, there are links for "The Competition", "Judges", "News & Press Releases", and "Act Now". The main content area contains a green announcement: "On Friday 09.02.2007 Sir Richard Branson launched the Virgin Earth Challenge, creating an opportunity for people to make history by helping to preserve history for many generations to come." Below this, a bold statement reads: "The Virgin Earth Challenge is not currently accepting new applications." Further down, a paragraph explains that the challenge is a US\$25 million prize for a commercially viable carbon sequestration design. A final paragraph states that the challenge has closed and a review of entries is underway. At the bottom, there are links for "Terms And Conditions", "Privacy Policy", and "Virgin.com", along with a copyright notice for 2007.

VIRGIN EARTH CHALLENGE - Windows Internet Explorer

http://www.virgin.com/subsites/virginearth/

File Edit View Favorites Tools Help

Virgin EARTH CHALLENGE

The Competition
Judges
News & Press Releases
Act Now

EARTH CHALLENGE

On Friday 09.02.2007 Sir Richard Branson launched the Virgin Earth Challenge, creating an opportunity for people to make history by helping to preserve history for many generations to come.

The Virgin Earth Challenge is not currently accepting new applications.

The Virgin Earth Challenge is US\$25 million for whoever can demonstrate to the judges' satisfaction a commercially viable design which results in the net removal of anthropogenic, atmospheric greenhouse gases so as to contribute materially to the stability of the Earth's climate system.

Thank you to everyone who has sent in applications, this round of the Virgin Earth Challenge has now closed. The deadline for applications was on the 8th of January 2010. We have been undertaking a major review of the existing entries and the science, the social, environmental and governance issues associated with carbon sequestration. As many of you know, 2009 and 2010 has seen a lot of healthy debate on these issues around removing carbon dioxide from the atmosphere and our initiative naturally needs to reflect these developments.

[Terms And Conditions](#) > [Privacy Policy](#) > [Virgin.com](#) © Virgin Earth Challenge 2007

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<http://www.virgin.com/subsites/virginearth/>

DTE Clean Energy Prize

The screenshot shows a Windows Internet Explorer browser window displaying the website <http://www.dtecleanenergyprize.com/>. The browser's address bar shows the URL, and the page title is "The Michigan Clean Energy Prize". The website features a green and white color scheme. At the top left is the "clean energy prize" logo. A navigation menu includes "THE COMPETITION", "ABOUT", "PARTICIPATE", "SPONSORS & PARTNERS", "NEWS", and "CALENDAR". A large banner image shows a lightbulb filled with green energy symbols, with a text box stating "Over \$100,000 in prizes to the students offering the best clean energy plans". Below the banner, there are three main sections: "Sign Up Now" with a pencil icon, "Build a Team" with a tree icon, and "Start Connecting" with a leaf icon. The "Start Connecting" section includes a "Not Registered? Create an account." link and a login form with fields for "Username" and a password (represented by dots), and a "Log In" button. The browser's status bar at the bottom shows "Done" and "Internet".

<http://www.dtecleanenergyprize.com/>

Michigan Clean Energy Prize

The screenshot shows a Windows Internet Explorer browser window displaying the Michigan Clean Energy Venture Challenge website. The browser's address bar shows the URL <http://micevc.com/>. The website header features the Michigan Clean Energy Venture Challenge logo, which is a stylized lightbulb filled with green energy symbols. To the right of the logo is the text "Michigan Clean Energy Venture Challenge" and the Center for Entrepreneurship logo. Below the header is a navigation menu with links for "THE COMPETITION", "ENTREPRENEURS", "MENTORS", "SPONSORS & PARTNERS", and "NEWS". The main content area is a large green banner with a stylized lightbulb graphic on the left and the text "Michigan Clean Energy Venture Challenge" in a white box on the right. At the bottom of the banner, it says "Presented by:" followed by the DTE Energy logo and a large letter "M". Below the banner, there are two columns of text. The left column is titled "Michigan CEVC Showcase with Keynote Speaker Bob Lutz" and lists the date "Friday, February 17th" and the location "Ross School of Business - Blau Auditorium". The right column is titled "Become a Mentor" and describes the opportunity for experienced entrepreneurs to help the next generation of innovators. The browser's status bar at the bottom shows "Done" and "Internet".

The Michigan Clean Energy Venture Challenge

Center for Entrepreneurship
Impact Driven

THE COMPETITION ▾ ENTREPRENEURS ▾ MENTORS ▾ SPONSORS & PARTNERS ▾ NEWS

Michigan Clean Energy Venture Challenge

Presented by: DTE Energy M

Michigan CEVC Showcase with Keynote Speaker Bob Lutz
Friday, February 17th
Ross School of Business - Blau Auditorium

Become a Mentor
The Michigan CEVC is a great opportunity for experienced entrepreneurs to help the next generation of innovators

Done Internet 100%

<http://micevc.com/>

ALGAE Competition

The screenshot shows a Windows Internet Explorer browser window displaying the website for the International Algae Competition 2011. The browser's address bar shows the URL <http://www.algaecompetition.com/>. The website's header features the title "The 2011 International ALGAE COMPETITION" and a navigation menu with links for "COMPETITION", "EXHIBITS", "PARTICIPATE", and "RESOURCES". A search bar is also present. The main content area is titled "A Global Challenge to Design Visionary Algae Food and Energy Systems" and includes sub-sections for "Landscape Designs", "Production Systems", and "Food Development". A quote asks, "How will growing algae change the world and improve our lives?" and mentions that participants from 40 countries have submitted entries. A video player titled "Algae Competition: The Future of Algae" is embedded, showing a grid of images related to algae production and design. The video player shows a play button and a progress bar at 0:00 / 4:45. Below the video, there are three categories: "1) Algae Landscape Design", "2) Algae Production Systems", and "3) Algae Food Development". A section titled "Finalists Announced" lists "1) Algae Landscape Design" and "2) Algae Production Systems". The browser's status bar at the bottom shows "Done" and "Internet".

International Algae Competition 2011 - Windows Internet Explorer

http://www.algaecompetition.com/

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03 APRIL 2012 | CONTACT

ALGAE COMPETITION

COMPETITION EXHIBITS PARTICIPATE RESOURCES

search...

A Global Challenge to Design Visionary Algae Food and Energy Systems
Landscape Designs • Production Systems • Food Development

"How will growing algae change the world and improve our lives?"
Participants represent projects in 40 countries and have submitted amazing entries. Visit the exhibits.

The Future of Algae video introduces twenty visionary entries in the Competition. Beginning with algae pond systems and photobioreactors today, this video looks into our future, exploring emerging themes, schemes and dreams in algae architecture and landscape design.

Algae Competition: The Future of Algae

0:00 / 4:45

1) Algae Landscape Design
2) Algae Production Systems
3) Algae Food Development

Finalists Announced

1) Algae Landscape Design
2) Algae Production Systems

Done Internet 100%

<http://www.algaecompetition.com/>

Scotland's Saltire Prize for Marine Energy

The screenshot shows a Windows Internet Explorer browser window displaying the website <http://www.sdi.co.uk/sectors/saltire-prize.aspx>. The page title is "Overview Of Scotland's Saltire Prize For Marine Energy | Scottish Development International - Windows Internet Explorer". The browser's address bar shows the URL. The page features a navigation menu with links for Home, Invest in Scotland, Export from Scotland, Sectors, About SDI, News, and Events. The Scottish Development International logo is prominently displayed. A search bar is located in the top right corner. The main content area is titled "Scotland's Saltire Prize for Marine Energy" and includes a dropdown menu for "Select another Key Sector". Below this, there are tabs for "The challenge", "Why Scotland", "Why apply", "Who's here", "FAQs", and "Saltire Prize registration". The "The Challenge" tab is active, showing a blue header with the text "The Challenge" and "Are you ready for the £10 million Saltire Prize challenge?". A timeline diagram illustrates the process from December 2008 to July 2017, with key milestones: Dec 2008 (Challenge announced, Registration process opens), Jan 2009 (Consultation opens), Mar 2009 (Consultation closes), Mar 2010 (Final guidelines released), Jun 2012 (Grand challenge period begins), Jan 2015 (Challenge applications close), Jun 2017 (Output generation competition closes), and Jul 2017 (Announces Saltire Prize winner). A navigation bar below the timeline shows page numbers 1, 2, 3, and 4, with 2 being the current page. The page also includes a "See also" section with links to "The challenge", "Why Scotland", and "Why apply". A video player is visible at the bottom left, titled "Saltire Prize Speech - Professor Anne". A large image of a stormy sea is shown on the right side of the page.

<http://www.sdi.co.uk/sectors/saltire-prize.aspx>

GE ECOMAGINATION Prize

The screenshot shows a Windows Internet Explorer browser window displaying the GE Ecomagination Challenge website. The address bar shows the URL <http://challenge.ecomagination.com/ct/e.bix?c=ideas>. The website header includes the "ecomagination" logo, navigation links for "POWERING YOUR HOME" and "POWERING THE GRID", and a search bar. Below the header, there are links for "Ideas", "About", "How It Works", and "Winners & Partners". The main content area is titled "The Winning Partners" and features a sub-header: "GE has formed a dozen new partnerships to enable the acceleration and commercialization of technologies to help build the next-generation power grid." A "LOCATION:" dropdown menu is set to "All Locations". Three circular maps are displayed horizontally, each highlighting a partner's location: "ClimateWell Stockholm" in Sweden, "Columbia Engineering New York" in New York, and "Consert Raleigh" in North Carolina. The browser's status bar at the bottom shows "Done" and "Internet" connectivity.

<http://challenge.ecomagination.com/ct/e.bix?c=ideas>

Rutgers Energy Institute (REI) Annual Energy Competition

The screenshot shows a Windows Internet Explorer browser window displaying the Rutgers Energy Institute website. The browser's address bar shows the URL: http://rei.rutgers.edu/index.php?option=com_content&task=blogcategory&id=22&Itemid=39. The website header features the Rutgers logo and the text "Rutgers Energy Institute" with a tagline "JERSEY ROOTS, GLOBAL REACH". Below the header, there are three images: a red tractor in a field, solar panels, and wind turbines. The main content area is titled "Energy Contest" and includes the following text:

The Energy Innovation Contest 2011-2012
for Rutgers New Brunswick Undergraduate Students
Sponsored by The Rutgers Energy Institute

The Rutgers Energy Institute (REI) is hosting its annual energy competition intended to engage students in devising creative and innovative solutions in reducing energy wasted at Rutgers. "Energy Innovation" is the challenge for this 2012 competition.

The Goal:
Presently, student, staff and faculty use of the standing buildings and infrastructure of the Rutgers campus complex at New Brunswick/Piscataway accounts for approximately 150,000 tons of carbon dioxide annually to the atmosphere each year. Factoring in commuting students, faculty, and staff, and the total emissions are increased to an estimated 300,000 tons of carbon dioxide each year. One goal of the Rutgers Energy Institute is to work with students, faculty and staff across the campus complex to make the university carbon neutral by 2030.

The Challenge:
To develop an implementable plan reducing student energy consumption on campus as well as promoting awareness about smarter eco-friendly practices across campus. Students must demonstrate how energy can be conserved by creating innovative solutions to common energy expenditures.

Eligibility:
Enrolled undergraduate students in any program on the New Brunswick-Piscataway campus are eligible. Graduate students and post-doctoral fellows are not eligible. Register for the competition by sending an email indicating intent to submit an entry to Beatrice Birrer at bea@marine.rutgers.edu no later than **February 27, 2012**.

The left sidebar contains a "Main Menu" with links to Home, About REI, People, Research, Energy Information, News | Announcements, Event Calendar, Education | Outreach (highlighted), Giving to REI, Opportunities in Energy, and Contact Us. There is also a "Join us on facebook" button.

http://rei.rutgers.edu/index.php?option=com_content&task=blogcategory&id=22&Itemid=39

Global Energy Prize

The screenshot shows a Windows Internet Explorer browser window displaying the Global Energy Prize website. The browser's address bar shows the URL <http://www.globalenergyprize.org/en/>. The website header features the Global Energy Prize logo and the tagline "The International Energy Prize". A navigation menu includes links for PRIZE, NOMINATION, LAUREATES, PRESSROOM, OUR PROJECTS, CONTACT US, and COMMUNITY. The main content area is titled "PHOTO AND VIDEO OF A DAY" and features a video player showing a man in a suit, identified as President of Russian Federation Dmitry Medvedev, at the award ceremony. Below the video, there are sections for "QUOTES" and "PRESSROOM". The "QUOTES" section contains a quote: "It is a great honour for Iceland that Russia has decided to present the Global Energy International Award to Professor Thorsteinn Sigfusson". The "PRESSROOM" section includes social media icons for News, Facebook, Twitter, and LinkedIn. The browser's status bar at the bottom shows "Done" and "Internet".

<http://www.globalenergyprize.org/en/>

Future Sparks

The screenshot shows the 'The Competition' page on the Future Sparks website. The browser window title is 'The Competition - Future Sparks - Windows Internet Explorer' and the address bar shows 'http://futuresparks.org.au/the-competition.aspx'. The website has a green header with the Green Cross Australia logo and the text 'This is a Green Cross Australia project' and 'Helping people adapt to our changing climate'. The main content area features a navigation menu with 'Home', 'Why we need clean energy', 'The Competition', 'Inspiration', and 'Teachers'. A callout box for 'Teachers' says 'Find out what you can do with your students!'. The 'The Competition' section includes a sidebar with links to 'Video: How to...', 'Persuasive text: How to...', 'Rules', 'Prizes', 'Video Competition Entry Form', and 'Text Competition Entry Form'. The main content area has a heading 'The Competition' and a sub-heading 'Be a Future Spark! Use your imagination and be part of the solution.' It includes a photo of a woman looking at a chalkboard with question marks and text encouraging users to submit ideas for clean energy solutions.

The Competition

- > Video: How to...
- > Persuasive text: How to...
- > Rules
- > Prizes
- > Video Competition Entry Form
- > Text Competition Entry Form

The Competition

Be a Future Spark! Use your imagination and be part of the solution.

We want you to help come up with ideas for the future. Use the inspiration part of this website to think **BIG!**

Have you come up with a new invention that uses clean energy? Can you tell us why it is so important that we invest in new energy ideas? Is there a new way to harness clean energy? How do you imagine a life with less carbon?

You can enter the competition by creating a video or writing down your ideas and thoughts.

There are great **prizes** to be one, so what are you waiting for? Start researching now!

<http://futuresparks.org.au/the-competition.aspx>

MIT Clean Energy Prize

The screenshot shows a Windows Internet Explorer browser window displaying the MIT Clean Energy Prize website. The address bar shows the URL <http://cep.mit.edu/>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The address bar also shows a search engine icon and the text "Google". The browser's toolbar includes icons for home, search, and other functions. The website content includes the MIT Clean Energy Prize logo, navigation links (home, competition, find a team, find a technology, impact, about us, faq), and a featured items section. A prominent banner asks "Who will win the \$200K?" and mentions an April 30 event. The footer features logos for the U.S. Department of Energy, Massachusetts Clean Energy Center, and Chevron, along with a Twitter link.

MIT Clean Energy Prize - Windows Internet Explorer

http://cep.mit.edu/

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Favorites Thought-Patterns.com - Home WICI - World Intellectual Ca... New Jersey Economic Devel... The Idea Activators Cityzone - An Enterprise Ne... Suggested Sites Free Hotmail

MIT Clean Energy Prize

MIT Clean Energy Prize home competition find a team find a technology impact about us faq

AWARDED BY: **NSF** & U.S. DEPARTMENT OF ENERGY

featured items [view all](#)

updates [view all](#)

FAQ Posted
Common questions and answers regarding this year's competition

Updated 2012 Rules and Eligibility
Make sure your team meets the requirements

Innovation Through Competition
How the MIT CEP helps turn great ideas into great businesses

Who will win the \$200K?
April 30: CEP Semi-Finalist & Alumni Showcase, Award Ceremony, and a Fireside Chat with Bill Joy, co-Founder Sun Microsystems.
[Learn More](#)

U.S. DEPARTMENT OF **ENERGY** Energy Efficiency & Renewable Energy

MASSACHUSETTS **CLEAN ENERGY CENTER**
JOIN THE INNOVATION REVOLUTION

Chevron

[twitter](#)

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<http://cep.mit.edu/>

Arizona Innovation Challenge

The screenshot shows a Windows Internet Explorer browser window displaying the website <http://www.azinnovationchallenge.com/>. The browser's address bar and menu bar are visible at the top. The website content features a green and white color scheme with the following elements:

- Header:** "ARIZONA | > < | INNOVATION CHALLENGE" with a stylized logo.
- Main Text:** "The Arizona Commerce Authority (ACA) is pleased to announce its second \$1.5 million Arizona Innovation Challenge, the country's largest monetary award for a technology commercialization challenge."
- Text Block:** "Arizona technology businesses are the state's engine for economic transformation through wealth and job creation. The Arizona Innovation Challenge is an investment in the minds of talented entrepreneurs in Arizona and around the world. In early 2012, the ACA will award \$1.5 million to the most promising technology ventures that participate in the 2nd Arizona Innovation Challenge (awards may range from \$100,000 to \$250,000). Companies in the following technology sectors may apply: advanced materials, advanced manufacturing, aerospace and defense, bio and life sciences, clean-tech and renewable energy, and information technology."
- Call to Action:** "Take the Challenge. Innovate today."
- Video Embed:** A video player showing "Ranked 5th in the U.S. For Business Start-ups" with the word "ARIZONA" overlaid.
- Social Media:** Facebook, YouTube, and Twitter icons.
- Contact:** "View the Spring 2012 Semifinalists" in red text, followed by the email "info@azinnovationchallenge.com".
- Disclaimer:** "Due to the volume of interest in this program, interested parties are encouraged to use the email above to guarantee a timely response."
- Image Strip:** A row of five small images: wind turbines, a red light trail, a woman writing, green cells, and a microscope.
- Logo:** The Arizona Commerce Authority logo at the bottom right.

<http://www.azinnovationchallenge.com/>

Markets Have Always Been Integral To Economics, Business, & Society



- From the Agora & Bazaar to the modern electronic marketplaces of today...



“Information at the speed of light. Instant communication. Satellite services can place information on any spot with the precision of a surgeon’s knife. Our planet is ringed with data that practically circles the Globe, binding one continent to another. We have become a global village, where the sneeze in the Tundra can be heard in Antarctica.”

- 1999 World Development Report

Changing Conditions

- Our message today – perhaps we should adopt some of the culture that pervaded trade in the ancient world. What were the characteristics of the trading culture and what was then valued?

• *Ambassador's Road* (series of connected roads that crisscross over main- land China to the Eastcoast and all the way to Burma) • *Appian Way*, and the *Great East Road* (sea and land routes) • *Incense Routes* (used for religious purpose trade and aromatherapy from Africa, Saudi Arabia and India) • *Silk Road* (Chinese used silk) • *Roman and Indian Trade* (sailing with favorable winds) • *Aboriginal Communities* (North and South America) • View from early traders, pioneers, settlers...Marco Polo being ONE example.

Conclusion: Today, trade routes have become trade 'nodes' and we call them *Knowledge Innovation Zones or KIZ*. The movement of goods and ideas has become instantaneous.

The Knowledge Economy has leveled the global playing field...

With Special Thanks...



The KAIETEUR Institute
for Knowledge Management

www.kikm.org



www.ibm.com



www.silvard.com



www.entovation.com