



Educational Tours

Iceland | March 2016

GLOBAL STUDENT LEADERS SUMMIT

THE FUTURE OF ENERGY

ENGINEERING A GREEN FUTURE IN THE REYKJANES PENINSULA

March 18–26

Active geothermal fumarole, Iceland

BE PART OF THE SOLUTION

Think about all the ways you've used energy today. Driving your car, charging your phone, refrigerating your food—these are all activities that rely largely on non-renewable fossil fuels like oil, coal and gas. But in Iceland, that's changing. An impressive 90% of Iceland's primary energy comes from renewable sources like geothermal energy. And thanks to Iceland's natural landscape, the production of this energy is possible in great abundance and at a low cost. Renewable energy is not only helping the environment, but also boosting Iceland's economy.

That makes Iceland the perfect stage for our 2016 Global Student Leaders Summit, The Future of Energy. This extraordinary event combines an educational tour and two-day leadership conference, exploring renewable energy where it comes to life. You will learn from world-renowned experts on science and energy, and work together with peers from the United States and Iceland to design and present your own solution to the issue.

What to expect on your Summit

1

Immersive Travel

Your tour of Iceland brings the Future of Energy theme to life as you gain knowledge and hands-on experience through cultural and science-focused activities.

2

Thought Leadership

World-renowned speakers and experts on the future of energy lead discussions and workshops to inspire and educate you. Past speakers have included Al Gore, Jane Goodall and Sir Ken Robinson. Keynote speakers for the 2016 Iceland Summit will be announced in the summer of 2015.

3

Design Thinking

Working in small international teams, you will learn the design thinking process—a creative problem-solving technique used by companies such as Apple and Google—and then use it to propose your own solutions to today's energy challenges.

4

Online Learning

weShare, our online learning platform, gives you a place to research, reflect and share a project pre and post tour.



ENGINEERING A GREEN FUTURE IN THE REYKJANES PENINSULA

Highlights of what you'll experience on your 9-day tour to Iceland



RIO TINTO ALCAN

Discover Iceland's geothermal aluminium production with a tour of this aluminum smelter.



THE NORTHERN LIGHTS

Hunt the night sky for a uniquely beautiful display of color caused by electrically charged particles from the sun.



ASBRU ENTERPRISE PARK

Explore a reinvented NATO military base leading entrepreneurship, green innovation and academic development in Iceland.

Itinerary

March 18–26

Days 1–2: Reykjavík

Fly overnight to Reykjavík and meet your Tour Director at the airport. Visit Iceland's iconic Blue Lagoon and bathe in its mineral-rich waters. A by-product of geothermal plant construction in the 1970s, the Lagoon is so beautiful that it's recognized by National Geographic as a natural wonder. With a thriving spa business and over a half million yearly visitors, it's a perfect example of how sustainable energy engineering can offer additional benefits to a country.

Day 3: Reykjavík

Explore Reykjavík on a morning tour. See the Old Town center, Parliament House, Cathedral harbor and the Pearl, then continue on to Höfði House. Learn about the numerous species of whales that are native to Iceland at the Whale Museum. Then head over to Aurora Reykjavík, an interactive center where you'll see the Northern Lights come to life through a multimedia exhibit. Get excited to experience the Lights firsthand on Day 7.

In the afternoon, discover cosmopolitan Reykjavík

during a city-wide scavenger hunt. End the day getting to know other students from the conference over dinner and team-building exercises.

Days 4–5: Reykjavík

The **leadership conference** begins as you connect with students from all around North America and Iceland in this inspiring and innovative setting. Over the course of two days you will hear from world-renowned keynote speakers, work with local and global experts, and collaborate with peers in small international teams. You will learn the design thinking process to develop solutions to today's energy challenges and be inspired to take action back home.

Day 6: Keflavík

Take a guided tour of Rio Tinto Alcan aluminium smelter in Straumsvík, which produces aluminum using geothermal energy. Then, explore Krýsuvík and its fascinating geothermal area. Discover black sand beaches and watch the waves crash on rock formations in the water.

Continue on to Eldvörp Crater Row, the result of 13th-century volcanic eruptions. Later, get to know the inner workings of Svartsengi geothermal power plant on a guided tour.

Day 7: Keflavík

Start the day with an invigorating hike at Trölladyngja, Iceland's largest shield volcano. Continue on to the Kvikán-House of Cultural and Natural Resources in Grindavík, where you'll see an exhibition focused on geology, heat, and harnessing energy from the depths of the earth.

Explore the fishing town of Grindavík, including Gunnuhver's geothermal field. Continue on to the Bridge Between Two Continents, a bridge that represents the meeting of the Eurasian and North American tectonic plates. This fissure is known as the Mid-Atlantic Ridge, and is only visible above water in Iceland.

Add an optional horseback ride and experience the unique gait of Icelandic horses, or enjoy some discovery time. Top off the day with a Northern Lights hunt. Also called the aurora borealis, this uniquely beautiful display

of colors in the sky is caused by electrically charged particles that come from the sun.

Day 8: Keflavík

Take a guided tour of Asbru Enterprise Park, a reinvented NATO military base featuring a green energy research center. Learn about Iceland's focus on sustainability during a visit to Power Plant Earth, where you'll gain insight into how Iceland has been able to use the energy that nature provides. Experience this firsthand on a visit to a fish-drying factory that turns unwanted parts of fish into a valuable commodity. From here, explore Iceland's oldest lighthouse.

Day 9: Depart for home

Explore Keflavík, a small town founded in the 16th century, before you get a taste of Norse culture on a visit to the Viking World Museum. Take in the incredible views from the top of Garðskagi lighthouse, and then investigate Iceland's birds, seashells, and more at the Sandgerði Science and Learning Center.

Travel back to Keflavík International Airport and return home, prepared to be part of the solution.

Space is limited

Please ask your teacher for your tour number and visit eftours.com or call 800-665-5364

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INTERNATIONAL EDUCATION

Your teacher has partnered with EF because of our unmatched experience and worldwide presence, as well as our commitment to providing students with life-changing travel opportunities that are immersive and affordable.

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THE SUMMIT EXPERIENCE

— Program price includes —



Sightseeing

9 sightseeing tours led by Tour Director



Full-time, expert Tour Director



All of the details are covered



Entrances

Blue Lagoon; Whale Museum; Viking World; Garðskagi light-house; Kviknan House of Cultural and Natural Resources; Sandgerði Science and Learning Centre

Round-trip flights on major carriers; Comfortable motor-coach; 8 overnight stays in hotels with private bathrooms; Daily breakfast & dinner; Lunch on Days 3-6 & Day 8



Experiential Learning

Scavenger hunt; Northern Lights hunt; Rio Tinto Alcan aluminum smelter; Power Plant Earth; Svartsengi geothermal power plant; Asbrú Enterprise Park; Fish-drying factory



Student Leadership Conference

Conference registration; Expert workshops; Keynote addresses; Student workshops; Innovation Village



weShare

Our online platform for a deeper learning experience

Developing local solutions
to energy issues