



*Educational Tours*

*Iceland | March 2016*

# GLOBAL STUDENT LEADERS SUMMIT

THE FUTURE OF ENERGY

**ENGINEERING A GREEN FUTURE IN THE REYKJANES PENINSULA**

*March 15–23*

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 such as 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 15–23*

### *Days 1–2: Reykjavik*

Fly overnight to Reykjavik and meet your Tour Director at the airport. Explore Reykjavik 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 Reykjavik, an interactive center where you'll see the Northern Lights come to life through a multi-media exhibit. Get excited to experience the Lights firsthand on Day 4.

### *Day 3: Keflavik*

Take a guided tour of Rio Tinto Alcan aluminium smelter in Straumsvik, which produces aluminum using geothermal energy. Then, explore Krýsuvik and its fascinating geothermal area. 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 4: Keflavik*

Journey to Keflavik for an invigorating hike at Trölladyngja, Iceland's largest shield volcano. Continue on to the Kvikan-House of Cultural and Natural Resources in Grindavik, where you'll see an exhibition focused on geology, heat, and harnessing energy from the depths of the earth.

Explore the fishing town of Grindavik, including Gunnhver'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.

### *Day 5: Keflavik*

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 6: Keflavik*

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.

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

### *Days 7–8: Reykjavik*

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 9: Depart for home*

Visit Iceland's iconic Blue Lagoon and go for a swim 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.

Travel back to Keflavik 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](http://eftours.com) or call 800-665-5364

— The World Leader in —

# 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.

For 50 years, we've worked with educators across the globe to help millions of people become citizens of the world by breaking down barriers of language, culture and geography.

### *Affordable*

We always offer the guaranteed lowest prices so more students have the opportunity to travel and experience the world.

### *Fully Accredited*

We're fully accredited, just like your school, so you can earn high school and even college credit while on tour.

### *Safety*

We're committed to your safety. With 500 schools and offices in over 50 countries, local EF staff can react quickly and in person wherever you travel.

### *Insight*

We believe in experiential learning at the most important sites. Your Tour Director is with you at every step, providing their own perspective and local tips.



## THE SUMMIT EXPERIENCE

— Program price includes —

### *Sightseeing*

9 sightseeing tours led by Tour Director

### *Entrances*

Whale Museum; Viking World; Aurora Reykjavík; Kvikan House of Cultural and Natural Resources; Power Plant Earth; Vikingworld; Garðskagi lighthouse; Sandgerði Science and Learning Centre; Blue Lagoon

### *Experiential Learning*

Northern Lights hunt; Scavenger hunt; Rio Tinto Alcan aluminum smelter; Svartsengi geothermal power plant; Asbru Enterprise Park; Fsh-drying factory

### *Full-time, expert Tour Director*

### *All of the details are covered*

Round-trip flights on major carriers; Comfortable motor-coach; 7 overnight stays in hotels with private bathrooms; Daily breakfast & dinner; Lunch on days 2, 3, 5, 7 & 8

### *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