RECEIVED
SECRETARY OF THE SENATE
PUBLIC RECORDS
2018 NOV 15 PM 3:59
Date/Time Stamp

Employee Post-Travel Disclosure of Travel Expenses

Post-Travel Filing Instructions: Complete this form within **30 days** of returning from travel. Submit all forms to the **Office of Public Records in 232 Hart Building.**

In compliance with Rule 35.2(a) and (c), I make the following disclosures with respect to travel expenses that have been or will be reimbursed/paid for me. I also certify that I have attached:

☐ The **original** *Employee Pre-Travel Authorization* (Form RE-1), **AND**
☐ A **copy** of the *Private Sponsor Travel Certification Form* with all attachments (itinerary, invitee list, etc.)

Private Sponsor(s) (list all): ClearPath Foundation and the Atlantic Council

Travel date(s): October 13-19, 2018

Name of accompanying family member (if any): N/A
Relationship to Traveler: ☐ Spouse ☐ Child

IF THE COST OF LODGING **DID NOT INCREASE** DUE TO THE ACCOMPANYING SPOUSE OR DEPENDENT CHILD, ONLY INCLUDE LODGING COSTS IN EMPLOYEE EXPENSES. (Attach additional pages if necessary.)

Expenses for Employee:

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
☐ Good Faith Estimate ☒ Actual Amount	Total: 924.54 Coach Bus: $127.01 Flight: $797.53	$1023.49 (5 nights)	$832.08	N/A

Expenses for Accompanying Spouse or Dependent Child (if applicable):

	Transportation Expenses	Lodging Expenses	Meal Expenses	Other Expenses (Amount & Description)
☐ Good Faith Estimate ☐ Actual Amount	N/A	N/A	N/A	N/A

Provide a description of all meetings and events attended. *See* Senate Rule 35.2(c)(6). (Attach additional pages if necessary.):
Agenda attached

11/14/18 (Date)

Scott Graber (Printed name of traveler)

(Signature of traveler)

TO BE COMPLETED BY SUPERVISING MEMBER/OFFICER:

I have made a determination that the expenses set out above in connections with travel described in the *Employee Pre-Travel Authorization* form, are necessary transportation, lodging, and related expenses as defined in Rule 35.

11/15/18 (Date)

(Signature of Supervising Senator/Officer)

(Revised 1/3/11)

Form RE-2

Atlantic Council CLEARPATH

Mr. Scott Graber
Legislative Assistant/Counsel
Office of Senator Lindsay Graham
290 Russell Senate Office Building
Washington, DC 20510

August 6, 2018

Dear Mr. Graber,

It is our pleasure to invite you to join a congressional staff delegation trip to the United Arab Emirates (UAE) to study advanced energy technologies this October 13-19. Our aim is to strengthen the US-UAE energy relationship and demonstrate how a cohesive national energy strategy and concerted public-private effort can lead to impressive results.

The delegation will include staff from Congressional Leadership, staff from the US Senate Committees on Energy & Natural Resources, Finance, Appropriations, and Environmental & Public Works, as well as the US House Committees on Energy & Commerce, Ways & Means, and Appropriations, and personal office staff of members that sit on those relevant committees. You, along with your colleagues, play an instrumental role in driving American energy policy and international engagement and we believe this trip would provide you with an opportunity to learn more about the impressive advancement in energy one of our key allies in the Gulf has made and see some of its technologies and facilities firsthand.

Potential meetings include discussions with Mohamed Al Hammadi, Chief Executive Officer of Emirates Nuclear Energy Corporation; H.E. Suhail Al Mazrouei, Minister of Energy and Industry; H.E. Dr. Thani Ahmed Al Zeyoudi, Minister of Climate Change and Environment; Abu Dhabi National Oil Company executives focused on enhanced oil recovery (EOR), and others. Site visits will include: Barakah Nuclear Facility, Masdar City, the Al Reyadah Carbon Capture and Storage (CCS) project, and Dubai Electricity and Water Authority (DEWA).

For further information or any questions you may have, please contact Jeremy Harrell at 535.403.4620 or harrell@clearpath.org. We sincerely hope you will join this trip in October.

Sincerely,

Frederick Kempe
President and CEO
Atlantic Council

Jay Faison
Founder
ClearPath Foundation

Mr. Terry Van Doren

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

This form must be completed by any private entity offering to provide travel or reimbursement for travel to Senate Members, officers, or employees (Senate Rule 35, clause 2). Each sponsor of a fact-finding trip must sign the completed form. The trip sponsor(s) must provide a copy of the completed form to each invited Senate traveler, who will then forward it to the Ethics Committee with any other required materials. The trip sponsor(s) should **NOT** submit the form directly to the Ethics Committee. Please consult the accompanying instructions for more detailed definitions and other key information.

The Senate Member, officer, or employee **MUST** also provide a copy of this form, along with the appropriate travel authorization and reimbursement form, to the Office of Public Records (OPR), Room 232 of the Hart Building, within thirty (30) days after the travel is completed.

---

1. Sponsor(s) of the trip (please list all sponsors): ClearPath Foundation and the Atlantic Council

2. Description of the trip: Site visits + briefings of select clean energy projects in the United Arab Emirates while meeting with key government & private sector individuals involved in its 2050 energy strategy.

3. Dates of travel: October 13-19, 2018

4. Place of travel: Abu Dhabi and Dubai, United Arab Emirates

5. Name and title of Senate invitees: Please see addendum #2

6. I *certify* that the trip fits one of the following categories:

   ☒ (A) The sponsor(s) are not registered lobbyists or agents of a foreign principal **and** do not retain or employ registered lobbyists or agents of a foreign principal **and** no lobbyist or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

   – OR –

   ☐ (B) The sponsor or sponsors are not registered lobbyists or agents of a foreign principal, but retain or employ one or more registered lobbyists or agents of a foreign principal and the trip meets the requirements of Senate Rule 35.2(a)(2)(A)(i) or (ii) *(see question 9)*.

7. ☒ I *certify* that the trip will not be financed in any part by a registered lobbyist or agent of a foreign principal.

   – AND –

   ☒ I *certify* that the sponsor or sponsors will not accept funds or in-kind contributions earmarked directly or indirectly for the purpose of financing this specific trip from a registered lobbyist or agent of a foreign principal or from a private entity that retains or employs one or more registered lobbyists or agents of a foreign principal.

8. I *certify* that:

   ☒ The trip will not in any part be planned, organized, requested, or arranged by a registered lobbyist or agent of a foreign principal except for *de minimis* lobbyist involvement.

   – AND –

   ☒ The traveler will not be accompanied on the trip by a registered lobbyist or agent of a foreign principal except as provided for by Committee regulations relating to lobbyist accompaniment (*see question 9*).

9. **USE ONLY IF YOU CHECKED QUESTION 6(B)**
I *certify* that if the sponsor or sponsors retain or employ one or more registered lobbyists or agents of a foreign principal, one of the following scenarios applies:

☐ (A) The trip is for attendance or participation in a one-day event (exclusive of travel time and **one** overnight stay) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip.

– OR –

☐ (B) The trip is for attendance or participation in a one-day event (exclusive of travel time and **two** overnight stays) and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *on any segment* of the trip (*see questions 6 and 10).*

– OR –

☐ (C) The trip is being sponsored only by an organization or organizations designated under § 501(c)(3) of the Internal Revenue Code of 1986 and no registered lobbyists or agents of a foreign principal will accompany the Member, officer, or employee *at any point* throughout the trip.

10. **USE ONLY IF YOU CHECKED QUESTION 9(B)**
If the trip includes two overnight stays, please explain why the second night is practically required for Senate invitees to participate in the travel:

11. ☒ An itinerary for the trip is attached to this form. I *certify* that the attached itinerary is a detailed (hour-by-hour), complete, and final itinerary for the trip.

12. Briefly describe the role of each sponsor in organizing and conducting the trip:

See addendum #1.

13. Briefly describe the stated mission of each sponsor and how the purpose of the trip relates to that mission:

See addendum #1

14. Briefly describe each sponsor's prior history of sponsoring congressional trips:

ClearPath Foundation has previously sponsored a staff trip to the DOE's Idaho National Labratory.

Over the past decade, the Atlantic Council has sponsored various trip across the world for relevant policy makers and staff.

15. Briefly describe the educational activities performed by each sponsor (other than sponsoring congressional trips):

See Addendum #1.

16. Total Expenses for Each Participant:

	Transportation Expenses	**Lodging Expenses**	**Meal Expenses**	**Other Expenses**
☒ Good Faith estimate ☐ Actual Amounts	Total: $985 Flights: $845.00 Coach Bus: $140 ($28 per day)	Total: $1021 St. Regis: $205/night for 5 nights	Total: $840 Abu Dhabi: $168 per diem Dubai: $168 per diem	None

17. State whether a) the trip involves an event that is arranged or organized *without regard* to congressional participation **or** b) the trip involves an event that is arranged or organized *specifically with regard* to congressional participation:

The trip involves an event that is organized specifically with regard to congressional participation.

18. Reason for selecting the location of the event or trip

The UAE has invested in a variety of clean energy technologies in recent years that are relevant to the U.S federal innovation engine. Abu Dhabi is the capital and is within 250 miles of those projects.

19. Name and location of hotel or other lodging facility:

The St. Regis Abu Dhabi Hotel

Nation Tower, Corniche, P.O. Box 60476, Abu Dhabi United Arab Emirates

20. Reason(s) for selecting hotel or other lodging facility:

The facility's rate is below the typical government per diem rate, is centrally located within the city, and is close to a variety of the meeting and site visits scheduled for the trip.

21. Describe how the daily expenses for lodging, meals, and other expenses provided to trip participants compares to the maximum per diem rates for official Federal Government travel:

Lodging and meals estimates are less than the maximm lodging rate and M&I.

22. Describe the type and class of transportation being provided. Indicate whether coach, business-class or first class transportation will be provided. If first-class fare is being provided, please explain why first-class travel is necessary:

Roundtrip coach flight on Eithiad Airlines.

Coach bus for transportation domestically within the UAE.

23. ☒ I represent that the travel expenses that will be paid for or reimbursed to Senate invitees do not include expenditures for recreational activities, alcohol, or entertainment (other than entertainment provided to all attendees as an integral part of the event, as permissible under Senate Rule 35).

24. List any entertainment that will be provided to, paid for, or reimbursed to Senate invitees and explain why the entertainment is an integral part of the event:

N/A

25. I hereby *certify* that the information contained herein is true, complete and correct. (For trips involving more than one sponsor, you *must* include a completed signature page for each additional sponsor):

Signature of Travel Sponsor: Jeremy Harrell

Name and Title: Jeremy Harrell, Managing Director of Policy

Name of Organization: ClearPath Foundation

Address: 611 Maryland Ave. NE Washington, DC 20002

Telephone Number: 513.403.4620

Fax Number: N/A

E-mail Address: harrell@clearpath.org

Addendum:

12. Together, the ClearPath Foundation and the Atlantic Council have developed a five-day agenda for this congressional staff trip. Both organizations will sponsor the traveler's airfare, hotel accommodations, meals, and transportation. Additionally, both organization have collaborated on the organization of the trip, scheduling government and private sector meetings, and executing the agenda. The Atlantic Council has spearheaded the efforts to secure the public sector meetings and engage the appropriate Emirate leadership to do so, given the organization's previous work in the region.

13. The ClearPath Foundation is a 501(c)3 nonprofit organization dedicated to accelerate conservative clean energy solutions by working with policy makers and industry. The Atlantic Council is a registered 501(c)(3) nonprofit organization and promotes constructive U.S. leadership and engagement in international affairs based on the central role of the Atlantic community in meeting current international challenges. The Atlantic Council's Global Energy Center specifically promotes energy security by working alongside government, industry, civil society, and public stakeholders to devise pragmatic solutions to the geopolitical, sustainability, and economic challenges of the changing global energy landscape.

Consistent with their missions, the ClearPath Foundation and the Atlantic Council wish to provide an educational tour and briefings for congressional staff that highlight state of the art technologies under construction or recently placed in service in the United Arab Emirates and the lessens that could be learned from their commercialization. For example, the Abu Dhabi CCS is the world's first fully commercial CCS facility in the iron and steel industry. This is a unique opportunity to see this work first-hand, and take lessons learned as the U.S. work to develop commercially viable clean energy technologies.

15. It is important to note that the ClearPath Foundation regularly provides speakers and experts as panelists and speakers for public forums and briefings on energy, nuclear energy, carbon capture, R&D, US competitiveness, and other topics. Through its diverse networks, the Atlantic Council builds broad constituencies to support constructive U.S. leadership and policies. The Global Energy Center, along with the other 10 program and centers within the Atlantic Council, publishes analyses, convenes conference among current and/or future leaders, and contribute to the public debate in order to integrate the views of knowledgeable individuals from a variety of backgrounds, interests, and experiences.

Atlantic Council
GLOBAL ENERGY CENTER

CLEARPATH

UNITED ARAB EMIRATES ENERGY STUDY TRIP

OCTOBER 13-19, 2018 • ABU DHABI • UNITED ARAB EMIRATES
ANNOTATED AGENDA

Saturday, October 13, 2018

10:10 p.m. **Flight departure**
Location: Washington Dulles International Airport
Flight number: EA 130
Airline: Etihad Airways

Sunday, October 14, 2018

7:10 p.m. **Arrival in Abu Dhabi, United Arab Emirates**
Location: *Abu Dhabi International Airport*

8:00 – 8:40 p.m. **Travel from airport to hotel**
Location:,
St. Regis Abu Dhabi
Nation Tower, Corniche
P.O. Box 60476
Abu Dhabi
United Arab Emirates
Transportation: Coach Bus

9:00 – 10:30 p.m. **Welcome Dinner and Briefing: State of the United Arab Emirates**
Location: *Villa Toscana at the St. Regis, Abu Dhabi*
Briefers:
Mr. William Nash, *Partner*, Squire Patton Boggs
Mr. Dave Scott, *Executive Director of Economic Affairs*, Executive Affairs Authority, Abu Dhabi

Staffers will receive an overview of the United Arab Emirates, serving to help familiarize them with relevant information. This will serve as part of their foundational understanding of the country and provide an opportunity to gain topical knowledge in preparation for the following days. Bill Nash has lived in the UAE for many years, knows the politics as well as the energy sector well.

Monday, October 15

7:30 – 8:30 a.m. **Breakfast**
Location: *The Terrace on the Corniche at the St. Regis*

8:30 – 11:30 a.m. **Travel to Barakah Nuclear Power Plant**
Transportation: *Coach Bus*

Advisory: Please ensure to come dressed in appropriate clothing for a walk down of the construction site at Barakah, and bring your passport as that's the identification document corresponding to the documents used to issue the Security Clearance Pass.

11:30 a.m. – 12:00 p.m. Meeting with Emirates Nuclear Energy Corporation
Location: *Barakah Nuclear Power Plant*
Briefer:
Mohamed Al Hammadi, *Chief Executive Officer*, Emirates Nuclear Energy Corporation
Mark Reddemann, *Chief Executive Officer,* Nawah Energy Company
Nasser Al Nasseri, *Chief Executive Officer,* Barakah One Company

Founded in 2009, the Emirates Nuclear Energy Corporation (ENEC) is responsible for the implementation of the UAE's nuclear energy program. The move to pursue a nuclear program was in part due to the sustainability goals outlined under the Abu Dhabi Economic Vision 2030. ENEC's main priority is to deliver safe, clean, efficient, and reliable nuclear energy to the UAE grid in order to establish a more diversified power mix and provide a lower carbon emissions alternative to burning oil or gas. The short-term goal is to get the Barakah nuclear facility operational, at which point, ENEC will turn to focusing on operations at Barakah, while developing plans to expand nuclear operations to other locations.

12:00 – 1:00 p.m. Nuclear Briefing Presentation
Briefer:
Eng. Ali Al Nuaimi, *Senior Reactor Operator,* Emirates Nuclear Energy Corporation

1:00 – 2:00 p.m. Site Visit: Barakah Nuclear Power Plant
Briefer:
Hasan Al Shemeili, *Nuclear Performance Improvement Manager,* Nawah Energy Company

Barakah is the first nuclear site under construction in the UAE, designed with four APR1400 nuclear reactors to produce 5.6 GW of energy when all reactors are operational. The Korea Electric Power Corporation won the bid to design and build the facility, and construction on Unit 1 began in 2012 and is set to come online at the end of 2019 or beginning of 2020 after several delays. Unit 1 was finished in mid-2018 and the other three units are nearing completion. Units 1 and 2 are set to become operational as soon as the Emirati have finished their operator training.

2:00 – 3:00 p.m. Lunch
Location: *Barakah*

3:00 – 6:00 p.m. Travel Briefing while returning to Abu Dhabi
Transportation: *Coach Bus*
Briefers:
Richard Powell, *Executive Director*, ClearPath Foundation
Randolph Bell, *Director, Global Energy Center*, Atlantic Council

Staffers will debrief from their trip to Barakah and will receive an overview of global nuclear civilian energy efforts, the role the International Energy Agency (IEA) has forecasted for nuclear technologies in the future electricity grid, and other recent power sector emission reduction modeling.

6:00 – 7:10 p.m. **Break**

7:10 – 7:30 p.m. **Travel to Dai Pai Dong**

7:30 – 10:00 p.m. **Dinner Briefing with US Embassy Abu Dhabi and American Chamber of Commerce in Abu Dhabi**
Location: *Dai Pai Dong, at The Galleria Mall/Rosewood Hotel*
Briefers:
Alison Dilworth, *Economic Counselor*, US Embassy, Abu Dhabi
Adam Stern, *Deputy Economic Counselor*, US Embassy, Abu Dhabi

Staffers will hear about contemporary issues in the UAE from the perspective of members of the US embassy in Abu Dhabi, as well as the American Chamber of Commerce. The American Chamber of Commerce works to promote commerce, investment, and goodwill between the US and the UAE, and provides a unique platform through which executives can discuss issues impacting business relations between the two countries. This dinner will provide staffers with the opportunity to get a sense of both political and economic concerns in the UAE.

10:00 – 10:30 p.m. **Return to the Hotel**
Transportation: *Coach Bus*

Tuesday, October 16

7:15 – 8:15 a.m. **Breakfast**
Location: *The Terrace on the Corniche at the St. Regis*

8:15 – 9:30 a.m. **Travel to Masdar City (Siemens Entrance Building)**
Transportation: *Coach Bus*

9:30 – 10:00 a.m. **Introductory tour of Masdar City**
Location: *Masdar, Masdar City, Abu Dhabi*

Construction began on Masdar City in 2008 in order to build a completely sustainable city, juxtaposing urban planning with green technologies. It aims to advance the development and adoption of commercially viable solutions in renewable energy and sustainable real estate that address the sustainability challenges of the UAE, the Middle East and international markets. Masdar City implements an array of cutting-edge technologies to meet sustainability goals.

10:00 – 12:00 p.m. **Meeting with Masdar CEO & Executive Team**
Location: *Masdar, Masdar City, Abu Dhabi*
Briefer:
Mohamed Al Ramahi, *Chief Executive Officer*, Masdar

Prior to touring Masdar City, the staffers will have the opportunity to sit down with Mr. Al Ramahi, the CEO of Masdar since 2016. Mr. Al Ramahi leads the strategic development of Abu Dhabi Future Energy Company (Masdar), today a leading global commercial enterprise in renewable energy and clean technologies. He has played an instrumental role in the company's emergence over the last decade, both as a catalyst for renewable energy in the Arab world and as an early adopter of advanced clean technologies at scale in key international markets.

12:00 – 12:30 p.m. **Bus tour of Masdar City to view upcoming projects**
Location: *Masdar City, Abu Dhabi*

This will allow staffers to see new initiatives Masdar City will begin implanting. Masdar City utilizes a variety of new technologies in order to promote sustainability and clean energy goals.

12:30 p.m. – 1:30 p.m. **Site visit within Masdar City: Seawater Energy and Agriculture System**
Location: *Masdar City, Abu Dhabi*

The UAE is a place where water scarcity is prevalent, and food security is of utmost importance. The Seawater Energy and Agriculture System is the flagship project of the Sustainable Bioenergy Research Consortium and combines an integrated system of aquaculture and agriculture to produce sustainable biofuels for aviation and other byproducts such as seafood. Seawater is pumped in to aquaculture ponds containing shrimp and fish. Nutrient rich water from the ponds is then used to irrigate fields of Salicornia, a halophytic (salt-loving) crop, which produces oilseeds, used in biofuels. The effluent from the fields is then channeled into a mangrove swamp, where the water is naturally filtered before reaching the sea.

1:30 – 2:30 p.m. **Lunch Briefing**
Location: Jim's Kitchen Table
Ground Floor, Siemens Building - Masdar City - Abu Dhabi - United Arab Emirates

Briefers:
Jeremy Harrell, Managing Director of Policy, ClearPath Foundation
Spencer Nelson, Policy Analyst, ClearPath Foundation

Staffers will receive an overview of U.S. Federal energy research, development, and demonstration efforts that have facilitate clean energy deployments throughout the region.

2:30 - 6:30 p.m. **Free Time**

6:30 – 7:00 p.m. **Travel time to Al Mrzab Restaurant**
Transportation: *Coach Bus*

7:00 – 10:00 p.m. **Dinner with Dr. Matar Al Neyadi**
Location: *Al Mrzab Restaurant, Airport Road, behind the National Theatre, Abu Dhabi*
Briefer:
H.E. Dr. Matar Al Neyadi, *Undersecretary*, Ministry of Energy and Industry, United Arab Emirates

Dr. Matar Al Neyadi serves as undersecretary in the Ministry of Energy and Industry of the United Arab Emirates. He has extensive experience working within the energy sector, and is an executive member in the Gas Exporting Countries Forum and a member of the executive office of the Organization of Arab Petroleum Exporting Countries, the National Emergency Crisis and Disaster Management Authority, and the board of trustees of the minister of interior's Award for Scientific Research.

10:00 – 10:20 p.m. **Travel time to hotel**

Transportation: *Coach Bus*

Wednesday, October 17

7:45 – 8:45 a.m. **Breakfast**
Location: *The Terrace on the Corniche at the St. Regis*

8:45 – 10:45 a.m. **Travel time to Ministry of Climate Change and Environment Dubai Office**
Transportation: *Coach Bus*

10:45 – 11:45 a.m. **Meet with Ministry of Climate Change and Environment**
Location: *Dubai Al Ruwayyah 2 Area Beside Zayed University, Dubai – AlAin Road, Dubai*
Briefer:
H.E. Dr. Thani bin Ahmed Al Zeyoudi, *Minister of Climate Change and Environment*, United Arab Emirates

The current Ministry of Climate Change and Environment was begun in 2016 when the role of the Ministry of Environment and Water was expanded to manage all aspects related to international and domestic climate change affairs. This ministry has its beginnings, though, in 1975 with the Supreme Committee for Environment. Under the leadership of H.E. Dr. Thani bin Ahmed Al Zeyoudi, the ministry is working towards a more sustainable future for the UAE and monitors climate change issues, as well as developing plans, strategies, and policies regarding the environment and agriculture.

11:45 a.m. - 1:15 p.m. **Travel time to Abu Dhabi**
Transportation: *Coach Bus*

1:15 – 1:45 p.m. **Lunch**
Location: St. Regis Hotel

1:45 – 2:00 p.m. **Travel time to ADNOC**
Transportation: *Coach Bus*

2:00 – 2:45 p.m. **Briefing from Abu Dhabi National Oil Company's Panorama Data Analytics Suite**
Location: *ADNOC Headquarters, PO Box 898, Abu Dhabi*

The Abu Dhabi National Oil Company (ADNOC) is one of the world's largest oil companies, with subsidiaries across the entire hydrocarbon value chain. ADNOC is working to become more integrated to ensure a more sustainable and economical oil and gas supply. This is being aided by the Panorama Data Analytics Suite. ADNOC's Panorama Digital Command Center draws from a massive set of data points across the company, from the upstream to the downstream and global distribution network, to provide a single access point to ADNOC's real time performance. Using smart analytical models and, increasingly, leveraging advanced AI platforms, it uses big data to generate operational insights and recommend new, integrated pathways to optimize and enhance performance and create additional value.

2:45 – 3:30 p.m. **Travel time to Al Reyadah**
Transportation: *Coach Bus*

3:30 – 6:30 p.m. **Site Visit: Al Reyadah – Carbon Capture, Usage, and Sequestration Company**
Location: *Al Reyadah, Abu Dhabi*

This project is currently operating by capturing carbon dioxide from the flue gas of an Emirates Steel production facility and then using this carbon dioxide in enhanced oil recovery (EOR) at a nearby oil field. The main objectives of the project are to reduce the carbon footprint of the United Arab Emirates, implement EOR in subsurface oil reservoirs, and free up natural gas that would have been used for oil field pressure maintenance. The Al Reyadah project captures, transports, and injects just under 900,000 tons of carbon dioxide per year

6:30 – 7:00 p.m. **Travel time**
Transportation: *Coach Bus*

7:00 – 9:30 p.m. **Dinner with Abu Dhabi Investment Authority**
Location: *Café Milano, Four Seasons Hotel, P.O. Box 107032, Al Maryah Island, Abu Dhabi*
Briefers:
Ms. Costanza Jacazio, *Lead Economist, Global Research*, Abu Dhabi Investment Authority
Mr. Tit Andrej Erker, *Senior Economist,* Abu Dhabi Investment Authority

Founded in 1976, the Abu Dhabi Investment Authority (ADIA) is a sovereign wealth fund owned by the government of Abu Dhabi with the explicit purpose of investing funds generated from income received from oil sales. While unclear as to how much wealth ADIA controls, experts estimate its assets to be approximately $800 billion, making it one of the largest sovereign wealth funds globally. While other sovereign funds will focus their investments on domestic development goals, ADIA does not invest in Abu Dhabi, the UAE, or the Gulf region. ADIA's goal, instead, is to secure and maintain the wealth of the Emirate, providing future generations with wealth generated from oil reserves, even when those reserves have run dry.

9:30 – 10:00 p.m. **Travel time to hotel**
Transportation: *Coach Bus*

Thursday, October 18

7:00 – 8:00 a.m. **Breakfast**
Location: The Terrace on the Corniche at the St. Regis

8:00 – 9:30 a.m. **Travel briefing en route to Dubai**
Transportation: *Coach Bus*
Briefer:
Randolph Bell, *Director, Global Energy Center*, Atlantic Council

While Abu Dhabi controls a majority of the oil in the UAE, Dubai has heavily invested in a variety of different fields. Staffers will discuss the differences between Abu Dhabi and Dubai, focusing on diversification efforts.

9:30 – 11:30 p.m. **Meet with Emirates Global Aluminium**
Location: Emirates Global Aluminium, Sheikh Zayed Road, Jebel Ali, (opposite Ibn Battuta Mall), Dubai

Briefer:
Mr. Abdulla Jassem bin Kalban, *Managing Director and Chief Executive Officer*, Emirates Global Aluminium

Emirates Global Aluminium (EGA) is the world's largest 'premium aluminium' producer and is the biggest UAE exporter outside of the oil and gas industry, producing 4 percent of the world's aluminum. EGA began in the 1970s when the UAE was exporting no aluminum and has transformed the industry to be a major player in the aluminum market. EGA currently operates smelters in Abu Dhabi and Dubai and is developing an alumina refinery in the UAE and a bauxite mine and export facility in the Republic of Guinea.

11:30 a.m. – 1:30 p.m. Site visit: Emirates Global Aluminium industrial plant

The EGA plant at Jebel Ali was built in 1976 and was the first aluminum smelter to be built in the UAE and the second in the region. When production began in 1979, the production capacity was 135,000 metric tons, but after eight expansions, this has increased to over one million metric tons of aluminum per year. This plant is capable of producing a range of purities of aluminum and can go as high as 99.96 percent, which makes aluminum for specialist aviation and electronics.

1:30 – 2:30 p.m. **Travel time to ACWA Power**

2:30 – 4:00 p.m. **Lunch with ACWA Power**
Location: ACWA Power, The One Tower, 41st Floor, Barsha Heights, Sheikh Zayed Road, PO Box 38205, Dubai
Briefer:
Mr. Paddy Padmanathan, *President and CEO*, ACWA Power

ACWA Power is a private company, based in Saudi Arabia, with a presence in ten countries. ACWA works to produce power and desalinated water at the lowest possible cost and is capable of producing more than twenty-seven GW of power and over three million cubic meters of desalinated water daily.

2:30 – 3:00 p.m. **Travel time to DEWA (TBC)**
Transportation: *Coach Bus*

*** DEWA CANCELED LAST MINUTE ***

3:00 – 4:00 p.m. **Meet with Dubai Electricity and Water Authority (TBC)**
Location: *Dubai Electricity and Water Authority, PO Box 564, Dubai*
Briefer:
H.E. Saeed Mohammed Al Tayer, *Managing Director and Chief Executive Officer*, Dubai Electricity and Water Authority

The Dubai Electricity and Water Authority (DEWA) was formed in 1992 from a merger between the Dubai Electric Company and Dubai Water Department. Since then, DEWA has become of the best ranking utilities companies in the world, supplying over 780,000 customers. DEWA has recently begun to incorporate solar into its power generation mix in an effort to decrease dependence on gas-fired power facilities.

4:00 – 5:00 p.m. **Site Visit: DEWA Jebel Ali Power Plant & Desalination (TBC)**
Location: *DEWA Jebel Ali Power Plant & Desalination Complex, Dubai*

The Jebel Ali facility is the largest electricity generation and water desalination plant in the UAE. The DEWA operated plant has an installed capacity of over 2,100 MW and 140 million imperial gallons of water per day, with an expansion underway to bring power production to over 2,800 MW.

5:00 – 7:00 p.m. **Free Time**

7:00 – 8:00 p.m. **Travel time to Restaurant**
Transportation: *Coach Bus*

7:00 – 10:00 p.m. **Wrap Up Dinner**
Location: Nation Riviera Beach Club at the St. Regis, Abu Dhabi

Briefers:
Richard Powell, *Executive Director*, ClearPath Foundation
Jeremy Harrell, *Managing Director, Policy*, ClearPath Foundation
Randolph Bell, *Director, Global Energy Center*, Atlantic Council

Staffers will debrief from their trip to the United Arab Emirates.

Friday, October 19

7:30 a.m. **Depart hotel for airport**
Transportation: *Coach Bus*

10:30 a.m. **Flight departure**
Location: *Abu Dhabi International Airport*
Flight number: EA 131
Airline: Etihad Airways

4:40 p.m. **Arrive in Washington, DC**
Location: *Washington Dulles International Airport*

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

SIGNATURE PAGE FOR ADDITIONAL SPONSOR

(to be completed by each additional sponsor)

I hereby *certify* that the information contained on pages 1-4 of the certification form and any accompanying addenda, all submitted in connection with the October 13-19, 2018 trip
Dates of Travel (Month Day, Year)
to the United Arab Emirates is true, complete, and correct.
Place of Travel

Signature of Travel Sponsor: Julie Varghese

Name and Title: Julie Varghese, Chief Administrative Officer

Name of Organization: Atlantic Council

Address: 1030 15th Street NW, 12th Floor, Washington, DC 20009

Telephone Number: 202.599.8637

Fax Number: 202.463.7241

E-mail Address: jvarghese@atlanticcouncil.org

PRIVATE SPONSOR TRAVEL CERTIFICATION FORM

SIGNATURE PAGE FOR ADDITIONAL SPONSOR

(to be completed by each additional sponsor)

I hereby *certify* that the information contained on pages 1-4 of the certification form and any accompanying addenda, all submitted in connection with the October 13-19, 2018 trip
Dates of Travel (Month Day, Year)
to the United Arab Emirates is true, complete, and correct.
Place of Travel

Signature of Travel Sponsor: Jeremy Harrell

Name and Title: Jeremy Harrell, Managing Director of Policy

Name of Organization: ClearPath Foundation

Address: 611 Maryland Ave NE, Washington, DC 20002

Telephone Number: 513.403.4620

Fax Number: N/A

E-mail Address: harrell@clearpath.org

Date/Time Stamp:

EMPLOYEE PRE-TRAVEL AUTHORIZATION

Pre-Travel Filing Instructions: Complete and submit this form at least 30 days prior to the travel departure date to the **Select Committee on Ethics** in **SH-220**. Incomplete and late travel submissions will **not** be considered or approved. This form **must** be typed and is available as a fillable PDF on the Committee's website at ethics.senate.gov. Retain a copy of your entire pre-travel submission for your required post-travel disclosure.

Name of Traveler: Scott Graber

Employing Office/Committee: Senator Graham

Private Sponsor(s) (list all): ClearPath Foundation and the Atlantic Council

Travel date(s): October 13-19 2018

*Note: If you plan to extend the trip for any reason you **must** notify the Committee.*

Destination(s): Abu Dhabi and Dubai, united Arab Emirates

Explain how this trip is specifically connected to the traveler's official or representational duties:

As Legislative Assistant and Counsel, Scott oversees policy realted to energy and the environement. Specifically, his energy portfolio includes work on clean energy, nuclear, renewables, and carbon capture technology. Scott's evionment portfolio includes work related to the EPA, domestic environmental regulations / international environmental programs, and climate change. This trip will highlight how others are implementing clean energy technology and its impact on the environment. Finally, this correlates with Senator Graham's position on the Energy and Water Appropriations Committee and Chair of the State and Foreign Operations Subcomittee.

Name of accompanying family member (if any): N/A

Relationship to Employee: ☐ Spouse ☐ Child

I certify that the information contained in this form is true, complete and correct to the best of my knowledge:

9/20/18
(Date)

(Signature of Employee)

TO BE COMPLETED BY SUPERVISING SENATOR/OFFICER (President of the Senate, Secretary of the Senate, Sergeant at Arms, Secretary for the Majority, Secretary for the Minority, and Chaplain):

I, LINDSEY GRAHAM hereby authorize SCOTT GRABER
(Print Senator's/Officer's Name) *(Print Traveler's Name)*

an employee under my direct supervision, to accept payment or reimbursement for necessary transportation, lodging, and related expenses for travel to the event described above. I have determined that this travel is in connection with his or her duties as a Senate employee or an officeholder, and will not create the appearance that he or she is using public office for private gain.

I have also determined that the attendance of the employee's spouse or child is appropriate to assist in the representation of the Senate. *(signify "yes" by checking box)* ☐

9/20/18
(Date)

(Signature of Supervising Senator/Officer)

(Revised 10/19/15) **Form RE-1**