Envision

# BY THE NUMBERS

Q4-2024

Institute for Sustainable Infrastructure

# Purpose

**To equip Envision Sustainability Professionals (ENV SPs)** and other champions for sustainable infrastructure with Envision stats and graphs, which may be used to support presentations on Envision, business cases, etc.

This PowerPoint presentation shall be updated quarterly each year in January, April, July, and October.

*Please credit ISI.*

**Questions?** *Please direct them to info@sustainableinfrastructure.org*

# What's Inside

1. Founders & Global Partners
2. **Envision By the Numbers:** Project Verification & Awards
3. **Envision By the Numbers:** Education & Credentialing
4. **Envision By the Numbers:** Members & Suppliers

ENVISION™

Institute for Sustainable Infrastructure

# 1 Founders & Global Partners

Institute for Sustainable Infrastructure

# Institute for Sustainable Infrastructure (ISI)

**Education and research nonprofit** (501c3) based in Washington, D.C.

**Founded in 2010** by ACEC, APWA, and ASCE

Collaborated with the then **Zofnass Program for Sustainable Infrastructure at the Harvard Graduate School of Design** to develop a sustainability rating system for infrastructure. The first version of the **Envision Sustainable Infrastructure Framework** was introduced in 2012.

The now **Zofnass Research Program** moved from Harvard to ISI in 2022 to support ongoing industry research, development, and application.

# ISI Global Activity

**Canada**

Canadian Society for Civil Engineering (CSCE)

**Chile**

Chile Green Building Council (GGC)

**China**

In-country representative office

**Colombia**

Consejo Colombiano de Construcción Sostenible (CCCS) (CCCS)

**East Africa**

Miundo Misingi Hub

**Guatemala**

Guatemala Green Building Council (GGGC)

**Italy**

Institute for Certification and Quality Branding for Products and Services for Construction (ICMQ)

**Mexico**

Federación Mexicana de Colegios de Ingenieros Civiles (FEMCIC)

**Spain**

Tecniberia and Colegio de Ingenieros de Caminos, Canales y Puertos (CICCP)

# 2 Envision By the Numbers

## PROJECT VERIFICATION & AWARDS

Institute for Sustainable Infrastructure

# Envision Projects

**CANADA**

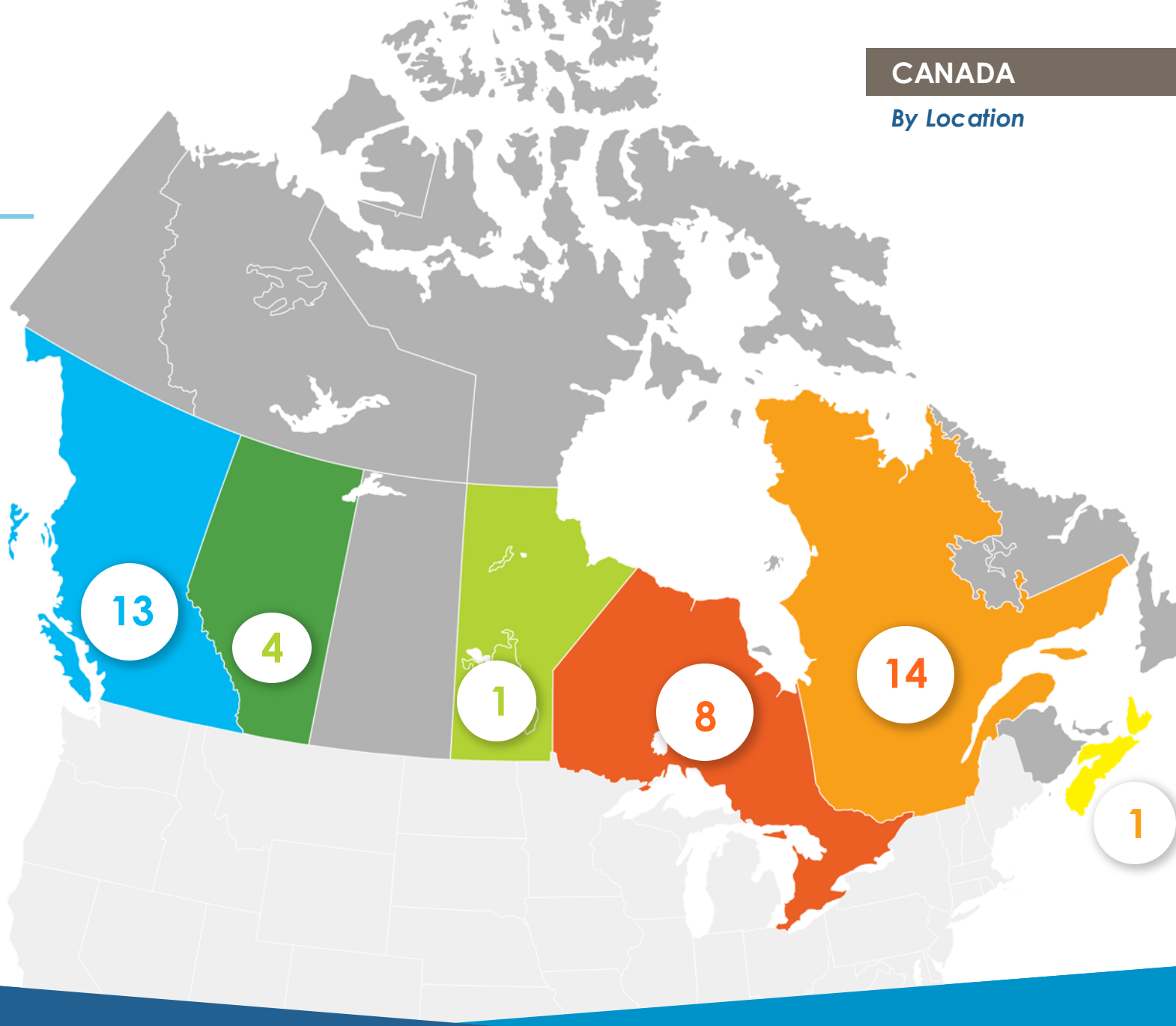
***By Location***

**TOTAL = 41**

Cumulative Value = **CAD $22 billion**

*As of Dec. 31, 2024*

Registered, under review & complete




Institute for Sustainable Infrastructure

# Envision Projects

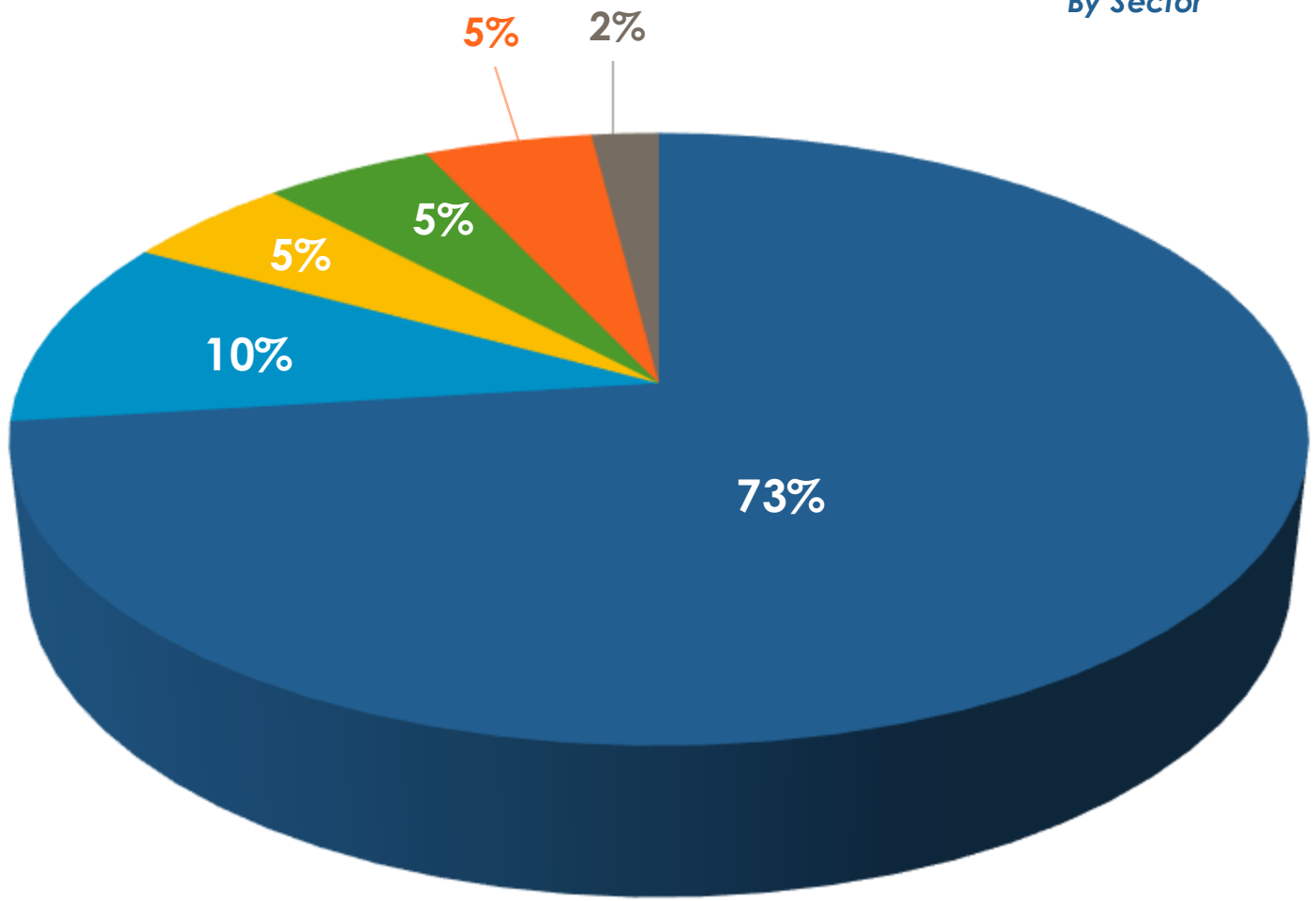
CANADA

*By Sector*

**TOTAL = 41**

Cumulative Value = **CAD $22 billion**

*As of Dec. 31, 2024*




- Transportation
- Water
- Energy
- Land / Environment
- Other
- Waste

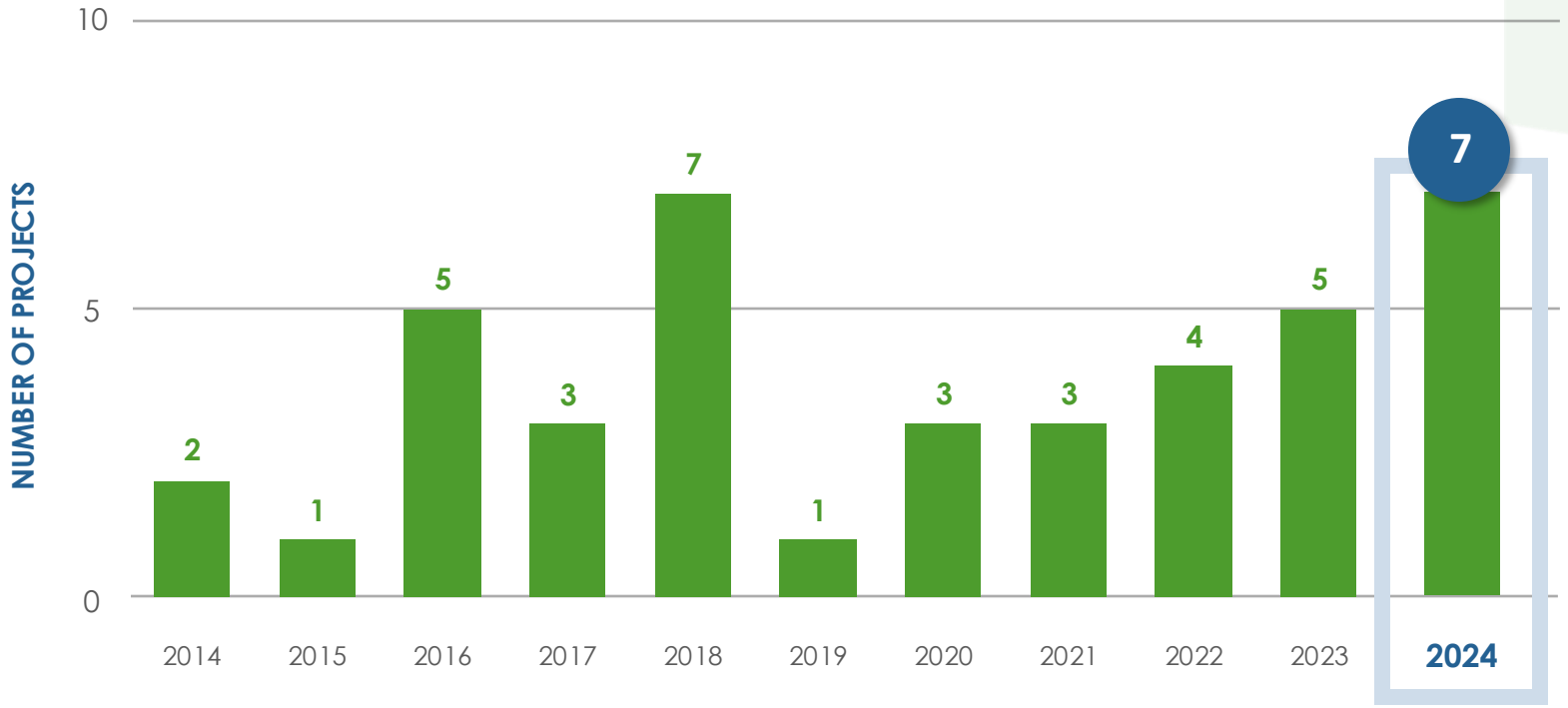
Registered, under review & complete

Institute for Sustainable Infrastructure

CANADA

*By Year*

# Envision Project Registrations




**TOTAL = 41**

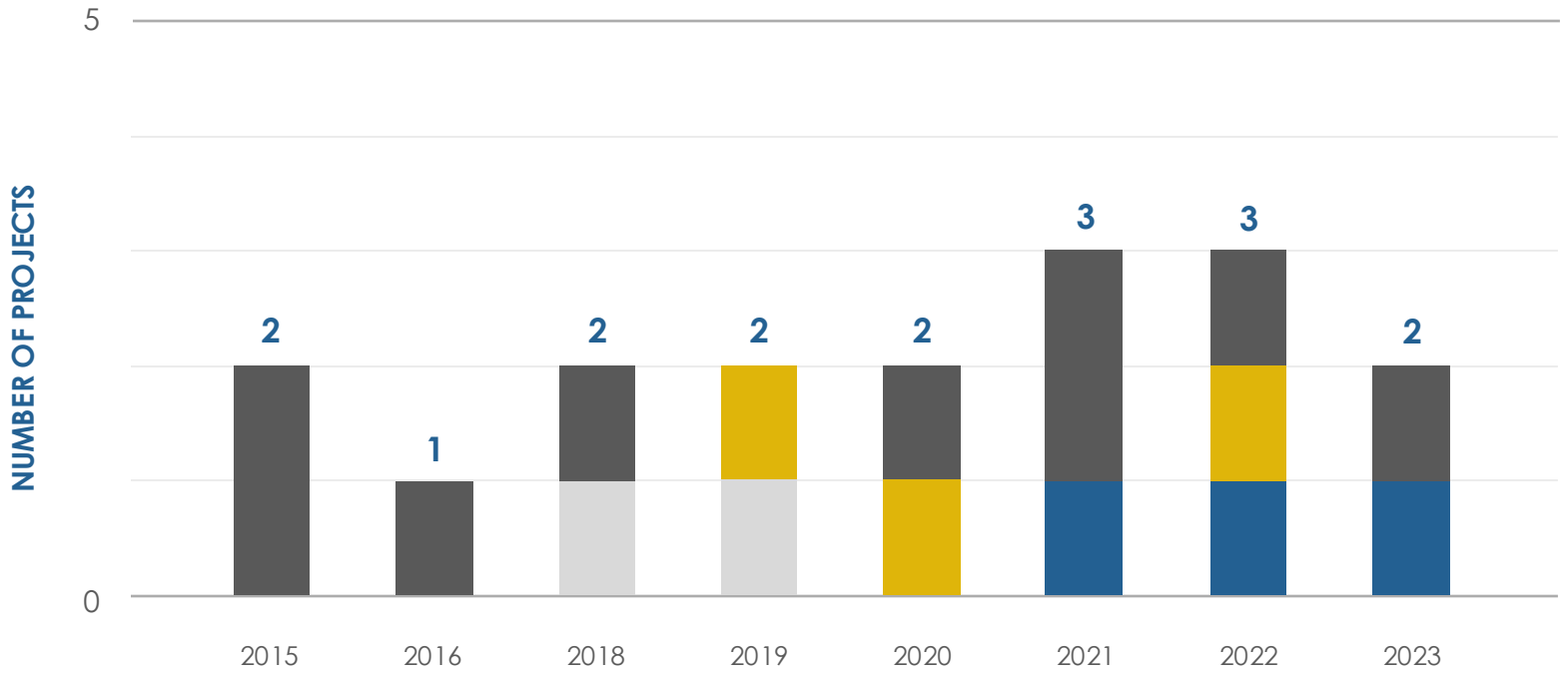
*As of Dec. 31, 2024*

Institute for Sustainable Infrastructure

CANADA

*By Year & Award Level*

# Envision Verifications Completed




PLATINUM

GOLD

SILVER

VERIFIED

**TOTAL = 17**

*As of Dec. 31, 2024*

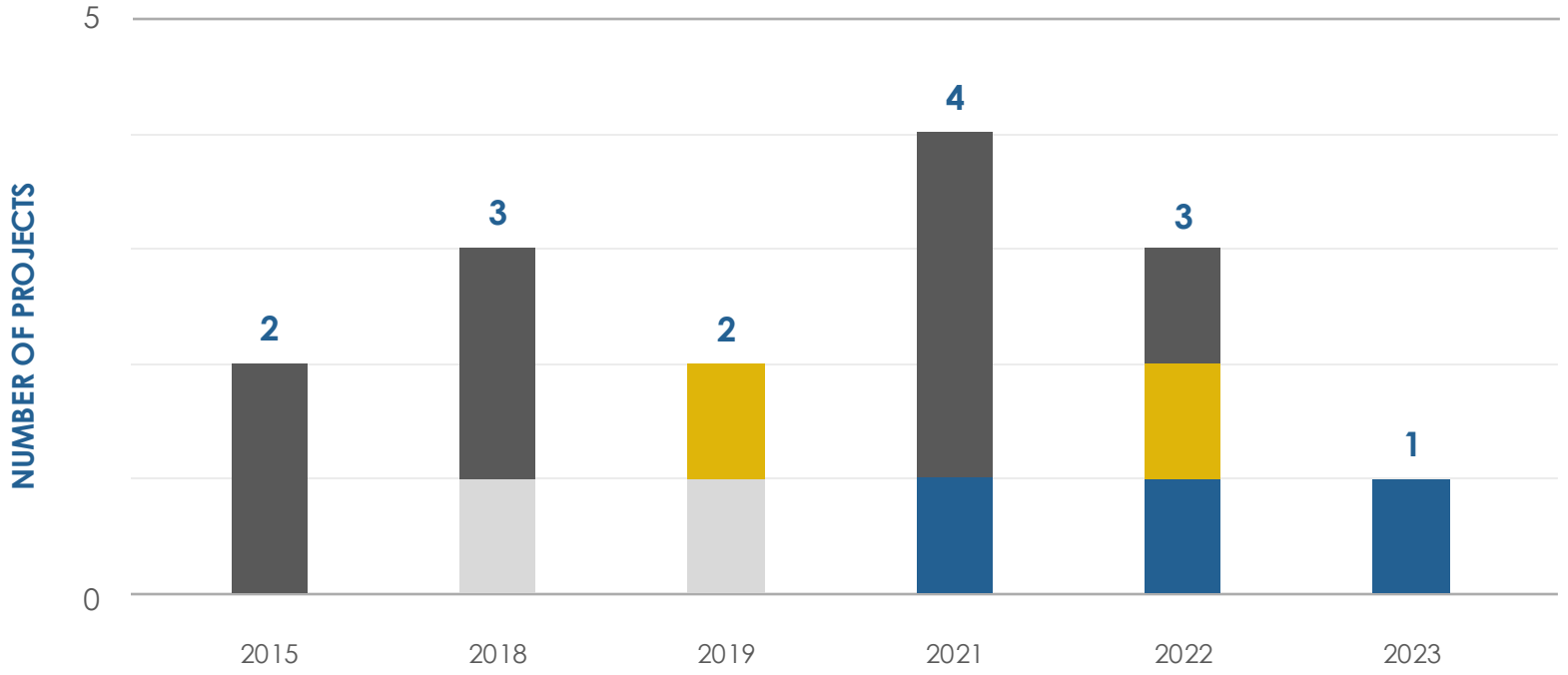
Institute for Sustainable Infrastructure

CANADA

*By Year & Award Level*

# Envision Awards Announced

*Per ISI policy, unless otherwise arranged, projects are announced within 90 days of project team award acceptance. For more information, reference the online project directory and downloadable list of Envision Verified Projects.*




PLATINUM

GOLD

SILVER

VERIFIED

**TOTAL = 15**

*As of Dec. 31, 2024*

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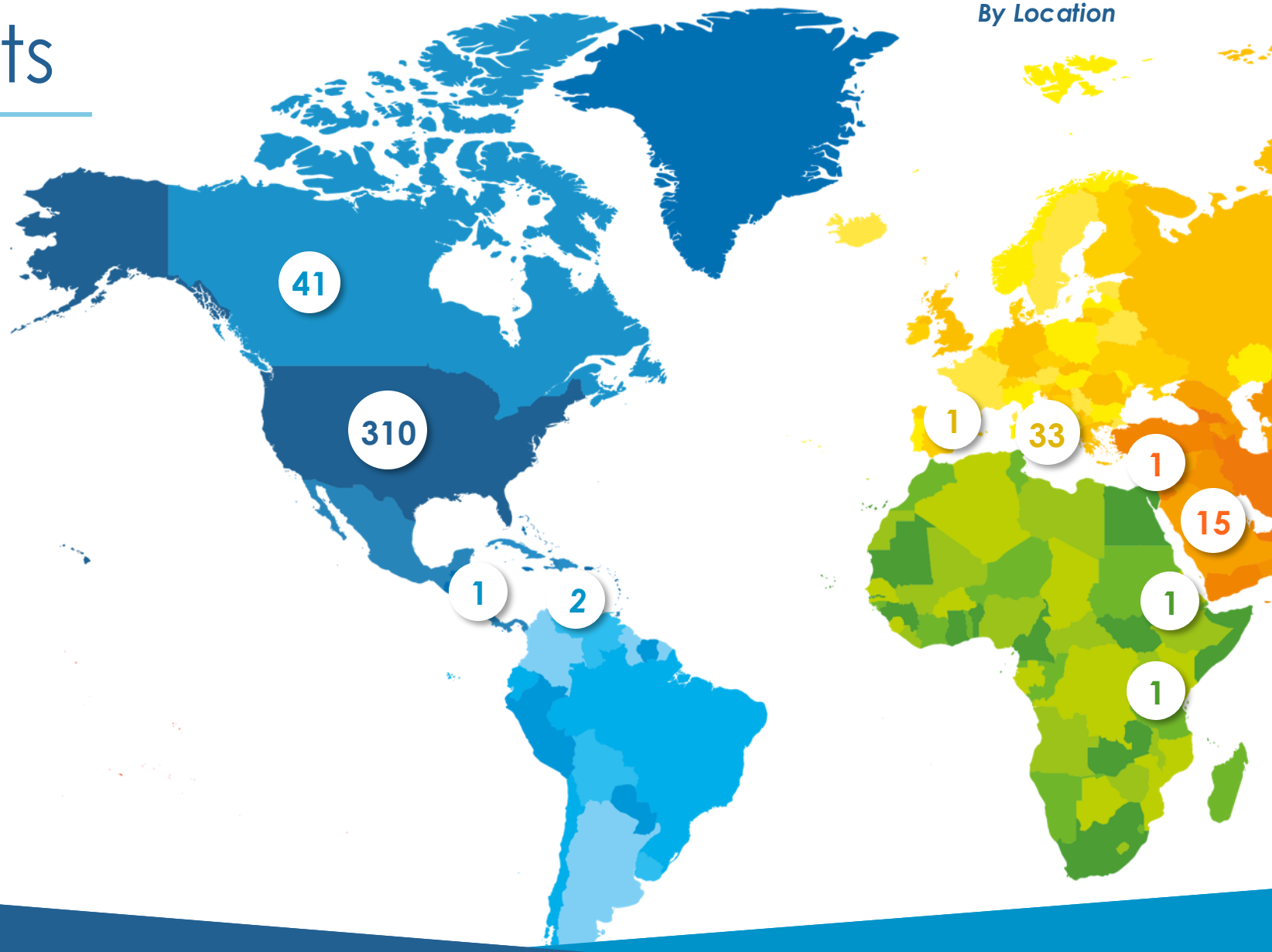
# Envision Projects

INTERNATIONAL

*By Location*




**TOTAL = 406**

Cumulative Value = **USD $284 billion**

*As of December 31, 2024*

Registered, under review & complete

Institute for Sustainable Infrastructure

INTERNATIONAL

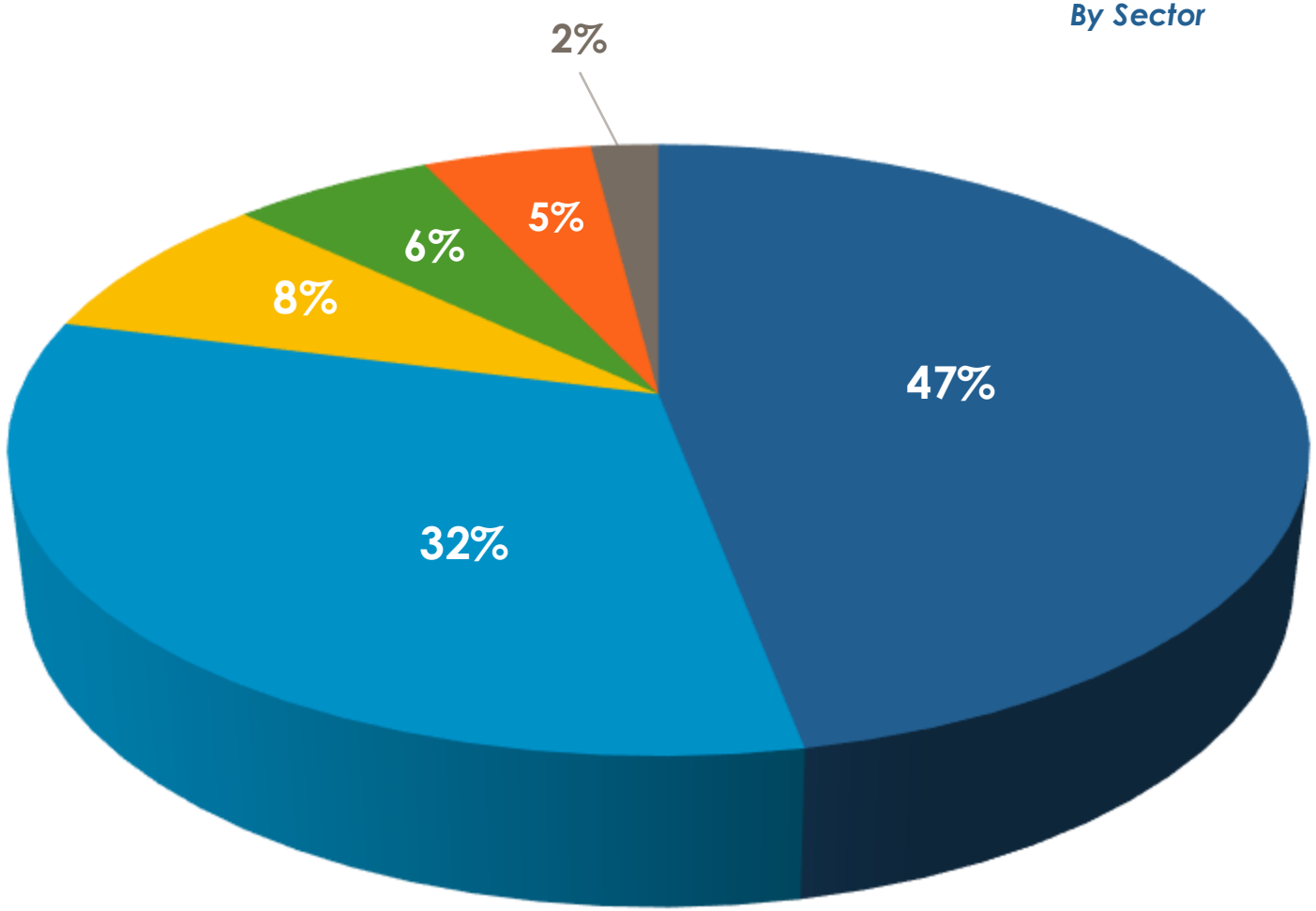
# Envision Projects

*By Sector*

**TOTAL = 406**

Cumulative Value = **USD $284 billion**

*As of December 31, 2024*




- Transportation
- Water
- Energy
- Land / Environment
- Other
- Waste

Registered, under review & complete

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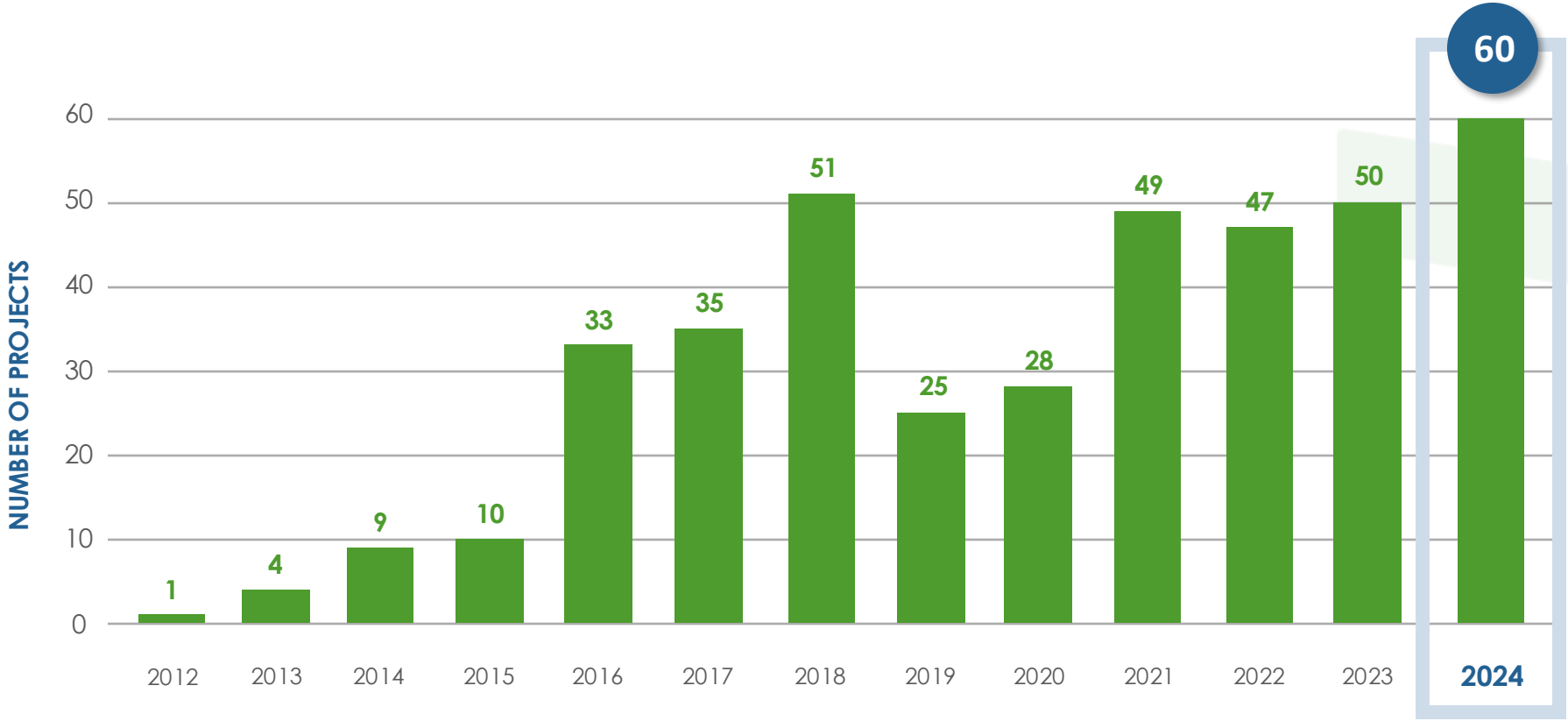
INTERNATIONAL

*By Year*

# Envision Project Registrations




**TOTAL = 406**

*As of Dec. 31, 2024*

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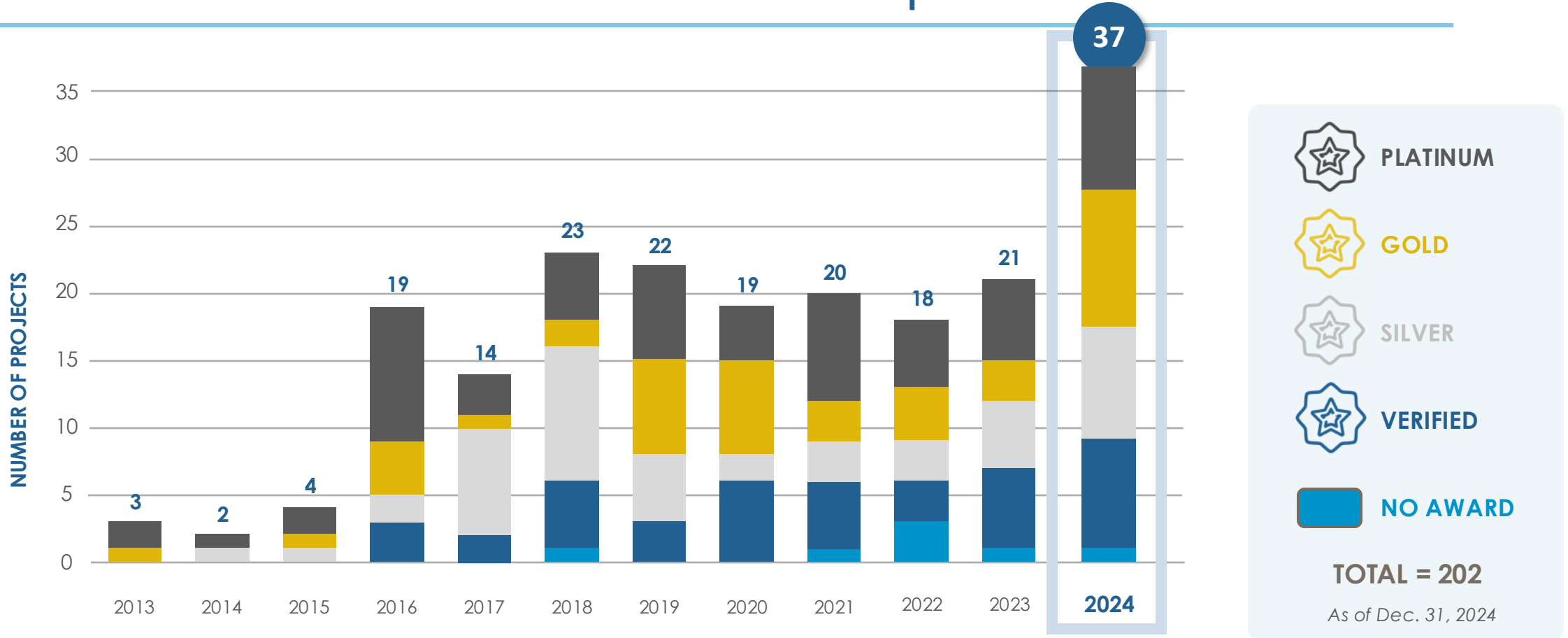
INTERNATIONAL

*By Year & Award Level*

# Envision Verifications Completed

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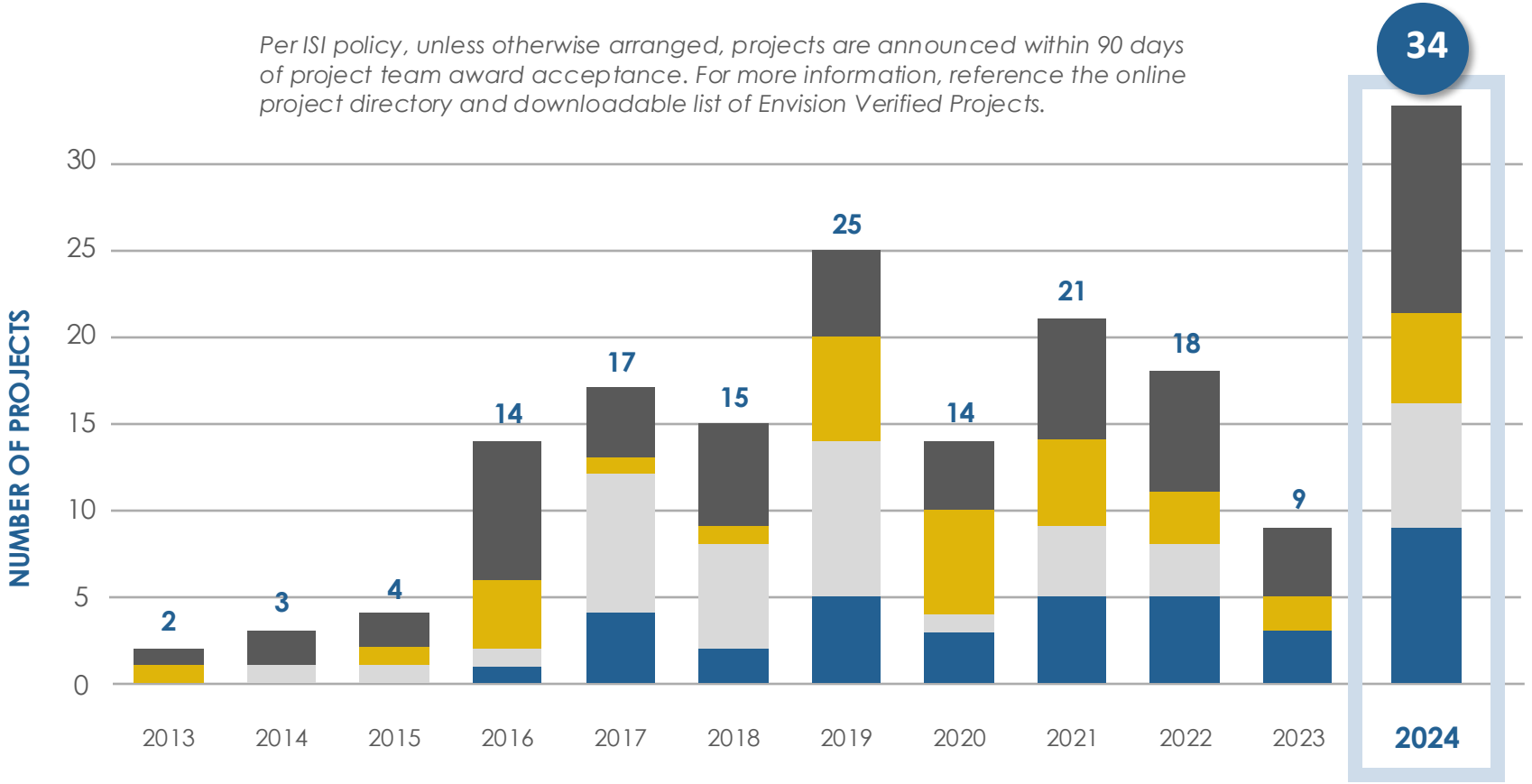
INTERNATIONAL

*By Year & Award Level*

# Envision Awards Announced

*Per ISI policy, unless otherwise arranged, projects are announced within 90 days of project team award acceptance. For more information, reference the online project directory and downloadable list of Envision Verified Projects.*




PLATINUM

GOLD

SILVER

VERIFIED

**TOTAL = 176**

*As of Dec. 31, 2024*

Institute for Sustainable Infrastructure

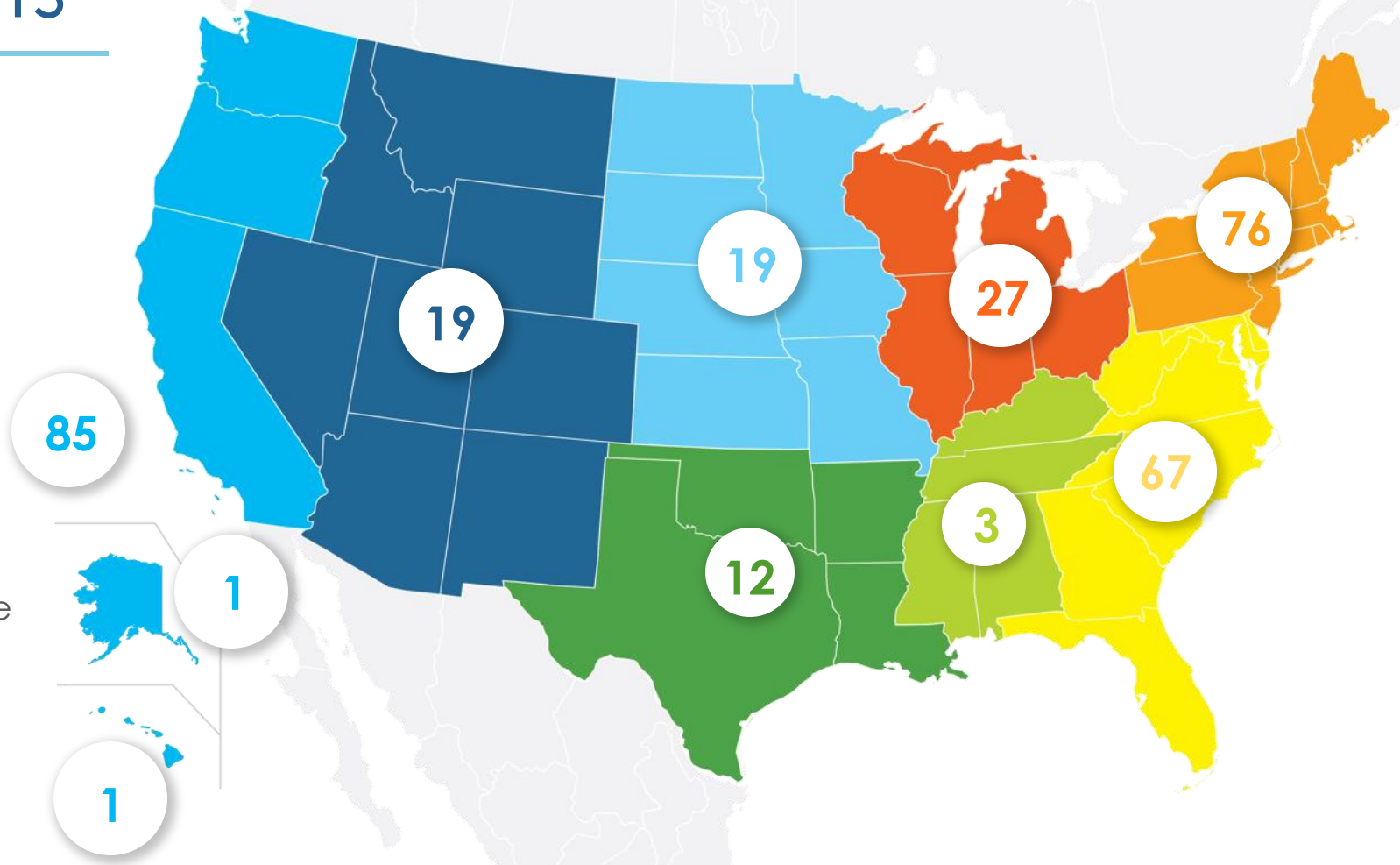
# Envision Projects

**TOTAL = 310**

Cumulative Value = **USD $187 billion**

*As of Dec. 31, 2024*

Registered, under review & complete




Institute for Sustainable Infrastructure

# Envision Projects

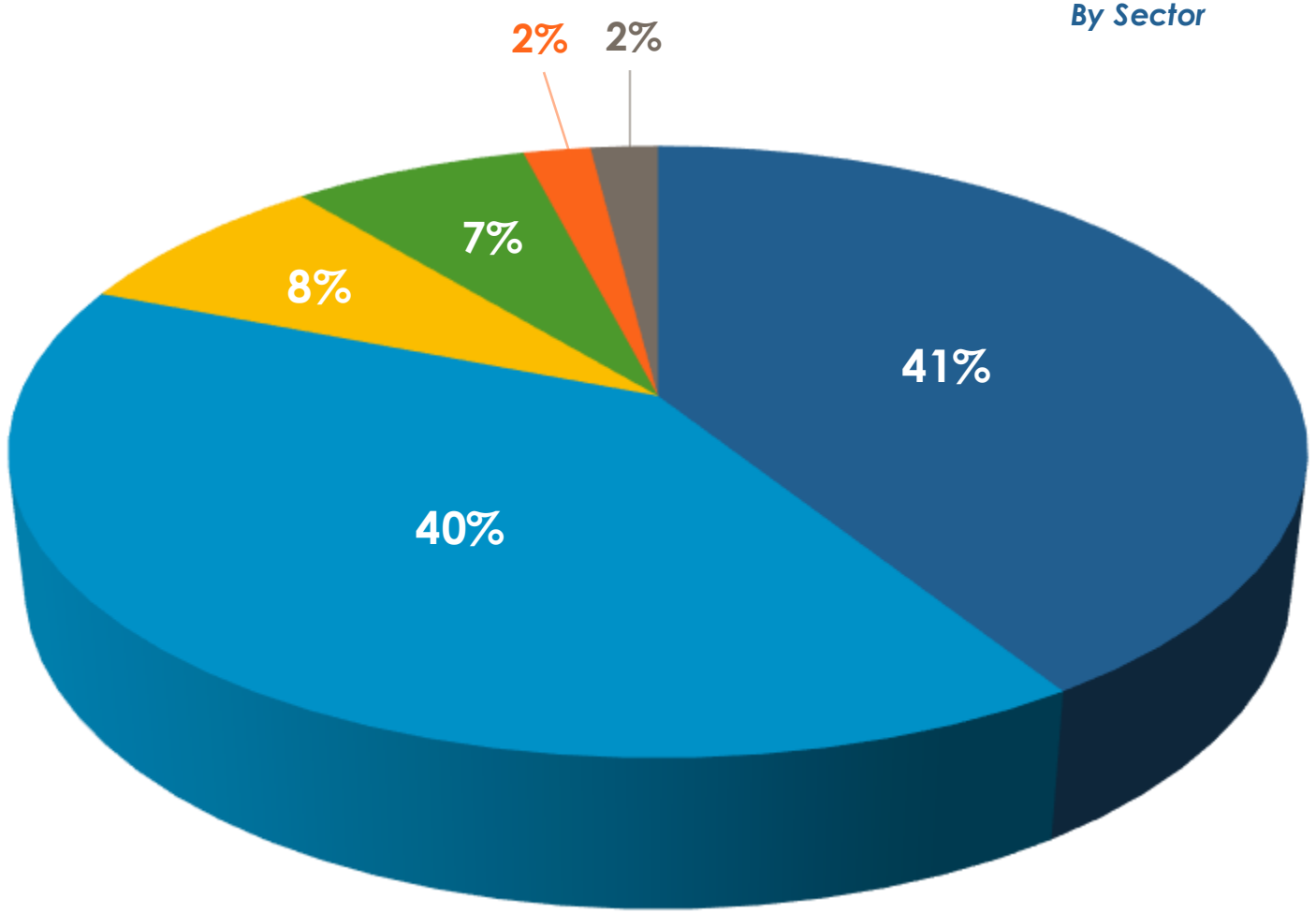
**UNITED STATES**

***By Sector***

**TOTAL = 310**

Cumulative Value = **USD $187 billion**

*As of Dec. 31, 2024*




- Transportation
- Water
- Energy
- Land / Environment
- Other
- Waste

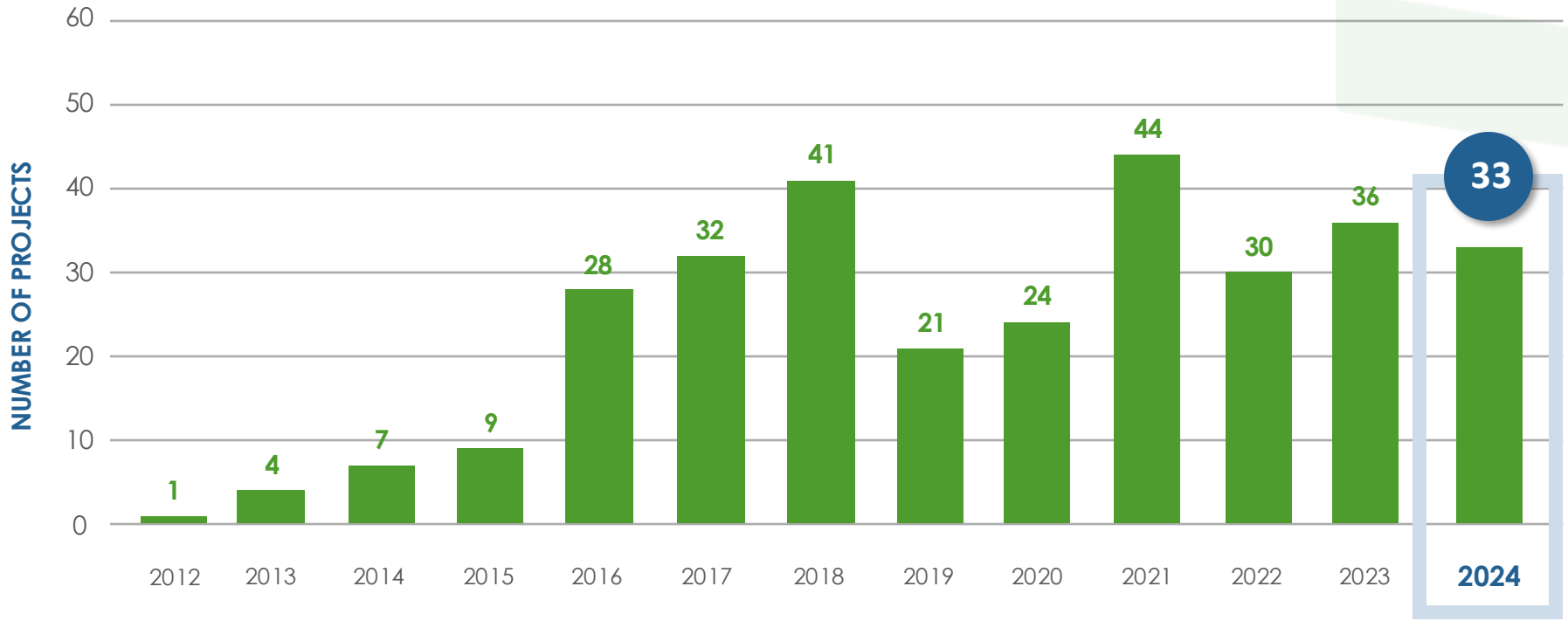
Registered, under review & complete

Institute for Sustainable Infrastructure

UNITED STATES

*By Year*

# Envision Project Registrations




**TOTAL = 310**

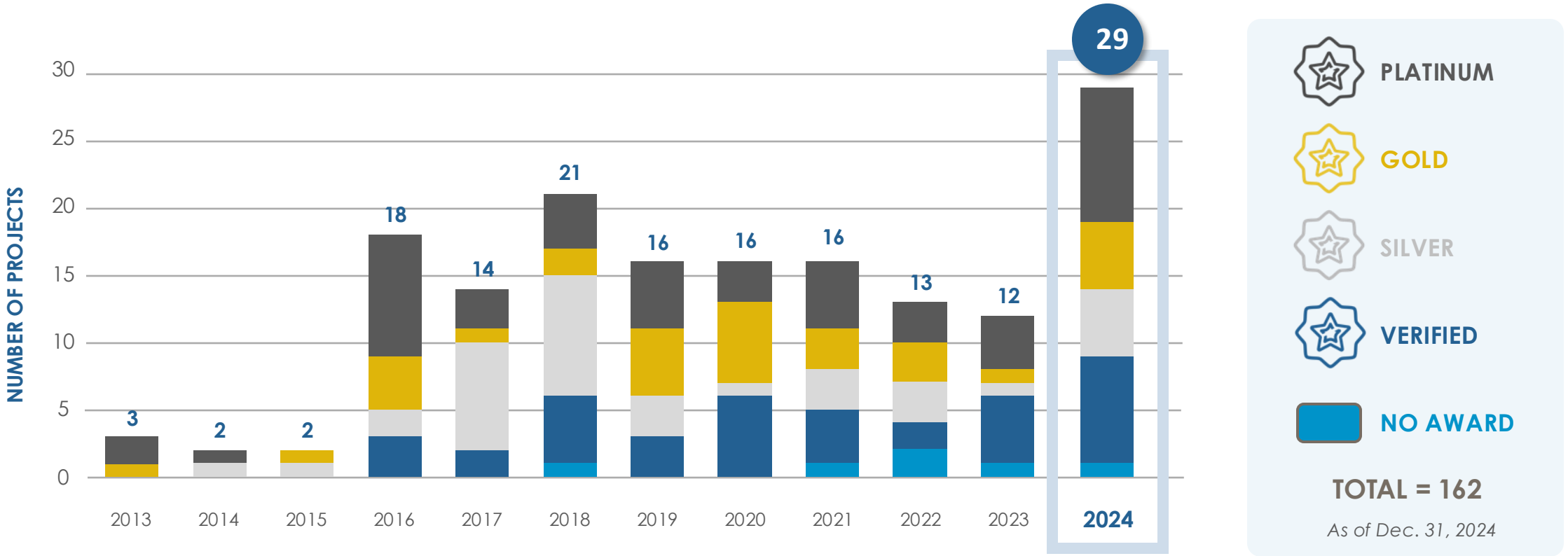
*As of Dec. 31, 2024*

Institute for Sustainable Infrastructure

UNITED STATES

*By Year & Award Level*

# Envision Verifications Completed




Institute for Sustainable Infrastructure

UNITED STATES

*By Year & Award Level*

# Envision Awards Announced

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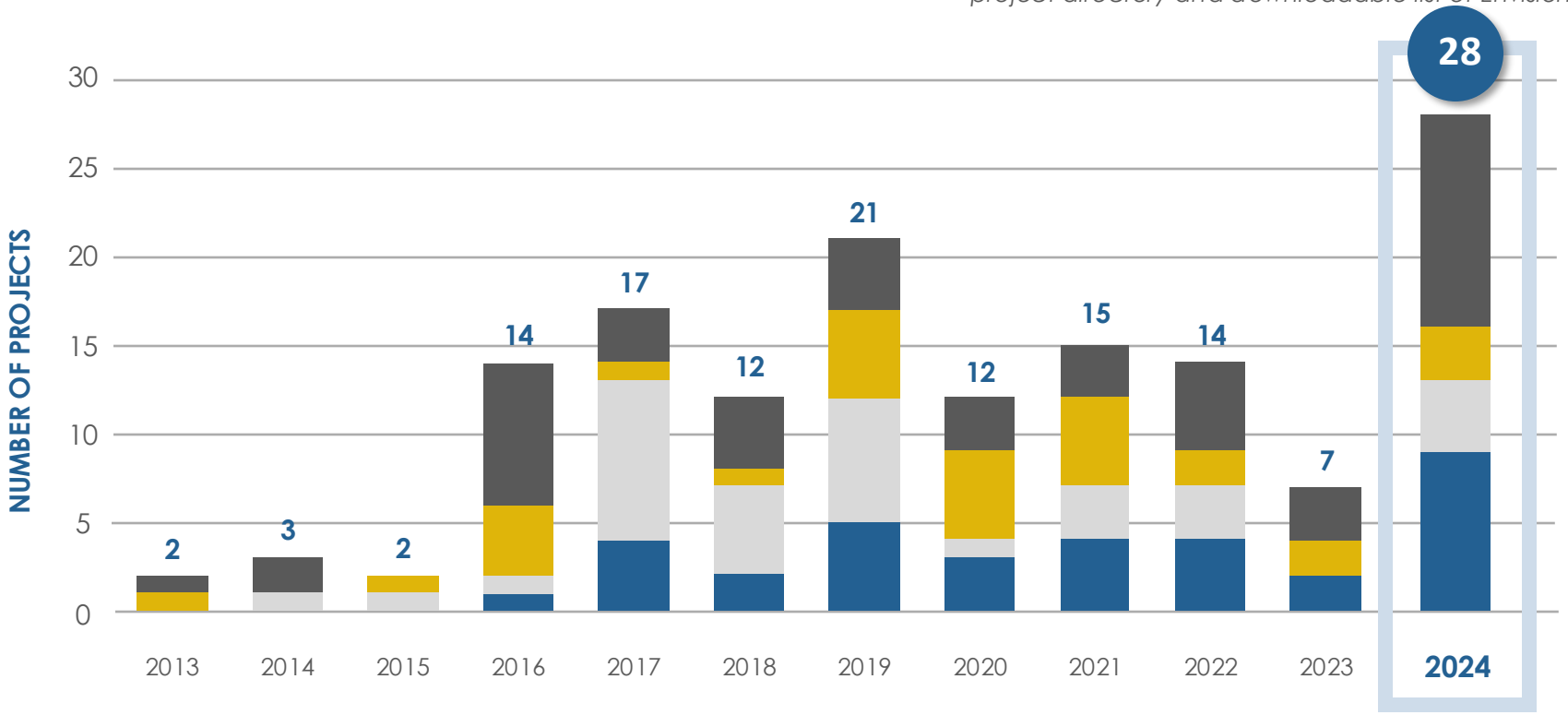


PLATINUM

GOLD

SILVER

VERIFIED

**TOTAL = 147**

*As of Dec. 31, 2024*

Institute for Sustainable Infrastructure

# Envision Awards 2024 Q4

- **Albany Solar Project** (Green County, WI, USA)
- **Beaver Dam Solar Project** (Beaver Dam, WI, USA)
- **Wautoma Solar Project** (Wautoma, WI, USA)
- **Springfield Solar Project** (Lomira, WI, USA)
- **San Diego International Airport Airside Improvements Project** (San Diego, CA, USA)
- **Eastern Regional Infrastructure Project** (Gwinett County, GA, USA)
- **Runway 17L-35R Complex Pavement Rehabilitation & Electrical Upgrades** (Denver, CO, USA)

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# Awards (Continued)

- **Stazione di Teramo** (Teramo, Abruzzo, Italy)
- **Stazione di Lecce** (Lecce, Puglia, Italy)
- **Piazza Sigmund Freud – Porta Garibaldi Station** (Milan, Italy)
- **NE 16th Street & Jefferson Avenue NE Stormwater Green Streets Project** (Renton, NJ, USA)

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# Awards (Continued)

**Formal Announcement Pending:**

- Northwest Water Reclamation Facility Improvements Project (St. Petersburg, Florida, USA)
- Tallman Island Headworks Improvements (New York, New York, USA)
- Power Distribution Improvements at Tallman Island WRRF (New York, New York, USA)
- Reconstruction of Primary Tanks at Wards Island WRRF (New York, New York, USA)
- Throgs Neck Wastewater Pumping (New York, New York, USA)
- PHL Taxiways Y&U Rehabilitation (Philadelphia, PA, USA)
- Treasure Island Water Resource Recovery Facility (San Francisco, CA, USA)

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# Albany Solar Project

Green County, WI, USA

Envision Platinum 2024

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# Beaver Dam Solar Project

Beaver Dam, WI, USA

Envision Platinum 2024

Institute for Sustainable Infrastructure

# Wautoma Solar Project

Wautoma, WI, USA

Envision Platinum 2024

Institute for Sustainable Infrastructure

# Springfield Solar Project

Lomira, WI, USA

Envision Platinum 2024

Institute for Sustainable Infrastructure

# San Diego International Airport Airside Improvements Project

San Diego, CA, USA

Envision Gold 2024

Institute for Sustainable Infrastructure

# Eastern Regional Infrastructure Project

Gwinnett County, GA, USA

Envision Silver 2024

Institute for Sustainable Infrastructure

# Runway 17L-35R Complex Pavement Rehabilitation & Electrical Upgrades Project

Denver, CO, USA

Envision Gold 2024

Institute for Sustainable Infrastructure

# Stazione di Teramo

Teramo, Abruzzo, Italy

Envision Gold 2024

Institute for Sustainable Infrastructure

# Stazione di Lecce

Lecce, Puglia, Italy

Envision Gold 2024

Institute for Sustainable Infrastructure

# Piazza Sigmund Freud – Porta Garibaldi Station

Milan, Lombardia, Italy

Envision Silver 2024

Institute for Sustainable Infrastructure

# NE 16th Street & Jefferson Avenue NE Stormwater Green Streets Project

Renton, NJ, USA

Envision Verified 2024

Institute for Sustainable Infrastructure

# 3 Envision By the Numbers

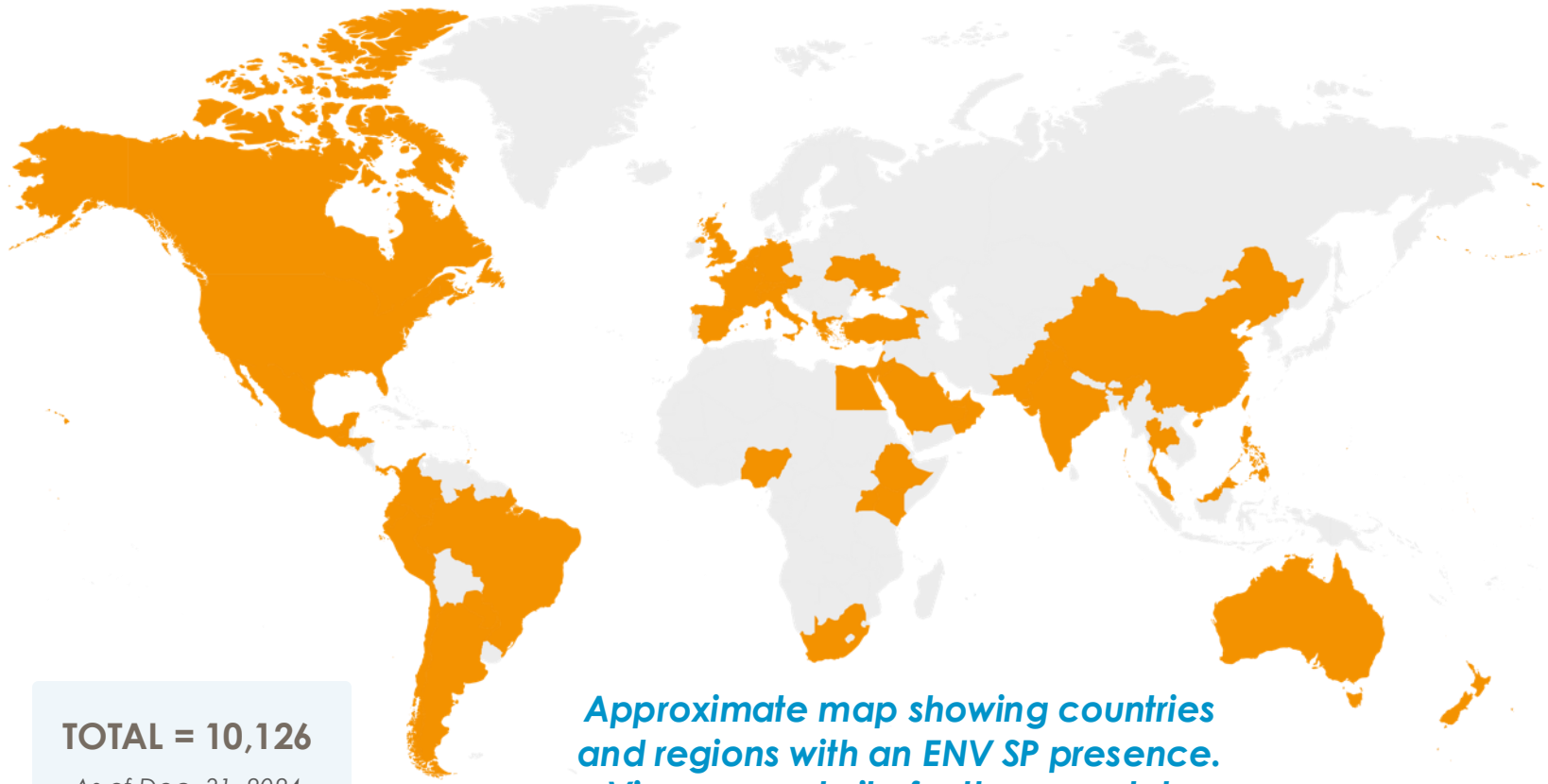
## EDUCATION & CREDENTIALING

Institute for Sustainable Infrastructure

# Current ENV SPs

## COUNTRIES WITH 10+ ENV SPS

| Country | ENV SPs |
|---|---|
| United States | 7530 |
| Canada | 883 |
| Italy | 697 |
| China | 427 |
| Saudi Arabia | 173 |
| Spain | 73 |
| India | 48 |
| U.A.E. | 46 |
| Columbia | 40 |
| United Kingdom | 29 |
| Pakistan | 29 |
| Egypt | 14 |
| Kenya | 12 |



**TOTAL = 10,126**

*As of Dec. 31, 2024*

***Approximate map showing countries and regions with an ENV SP presence. View our website for the complete searchable ENV SP Directory***

# Current ENV SPs

U.S. & CANADA

*By Location*

### JURISDICTIONS WITH 50+ ENV SPs

| State or Province | ENV SPs |
|---|---|
| California | 898 |
| New York | 483 |
| Texas | 442 |
| Florida | 322 |
| Virginia | 208 |
| New Jersey | 189 |
| Missouri | 155 |
| Washington | 142 |
| Pennsylvania | 137 |
| Massachusetts | 132 |
| Colorado | 121 |

| State or Province | ENV SPs |
|---|---|
| Ontario | 114 |
| British Columbia | 101 |
| Wisconsin | 93 |
| Quebec | 85 |
| Illinois | 71 |
| Kansas | 67 |
| North Carolina | 64 |
| Maryland | 63 |
| Arizona | 60 |
| Ohio | 54 |
| Alberta | 52 |

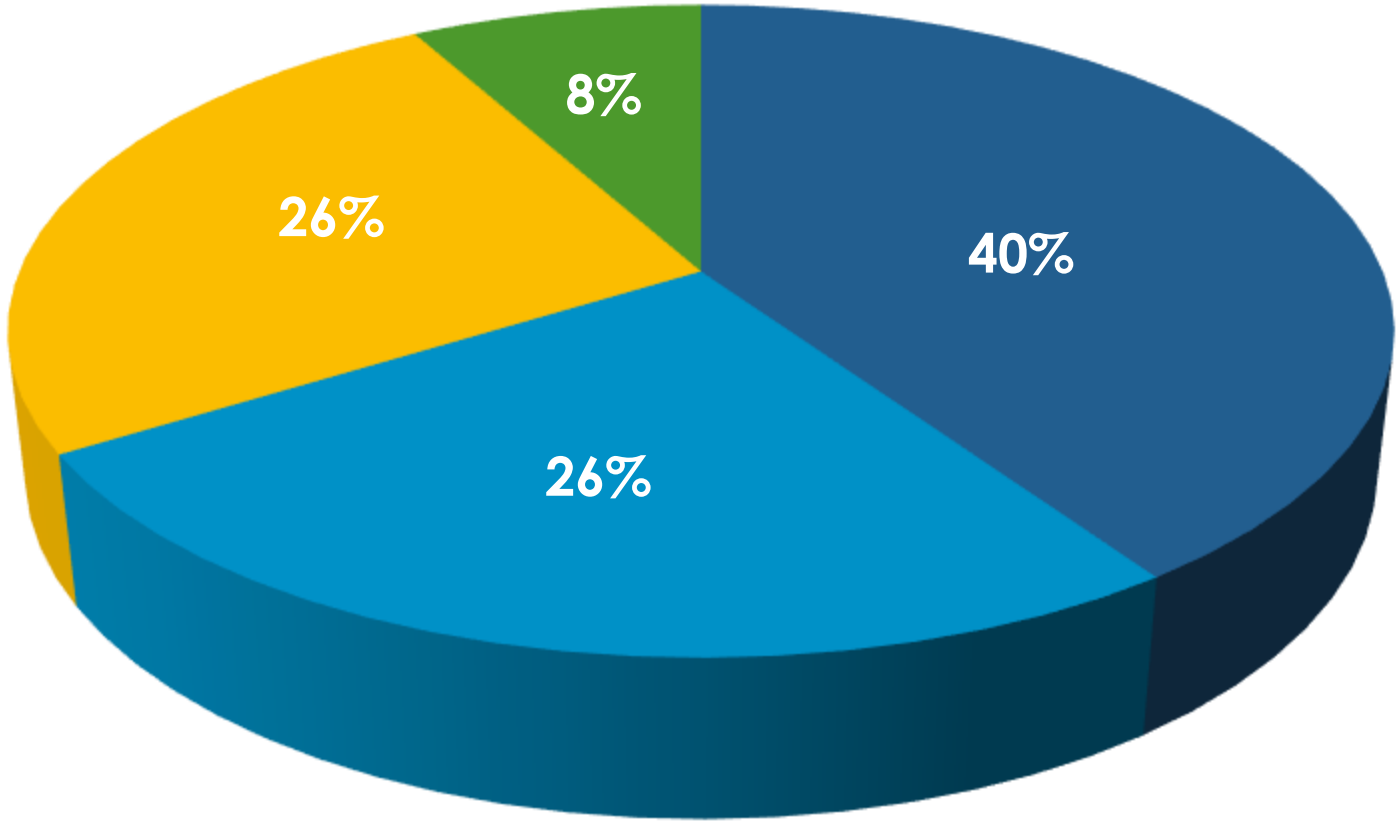
INTERNATIONAL

*By Employer Type*

# Current ENV SPs

**TOTAL = 10,126**

*As of Dec. 31, 2024*



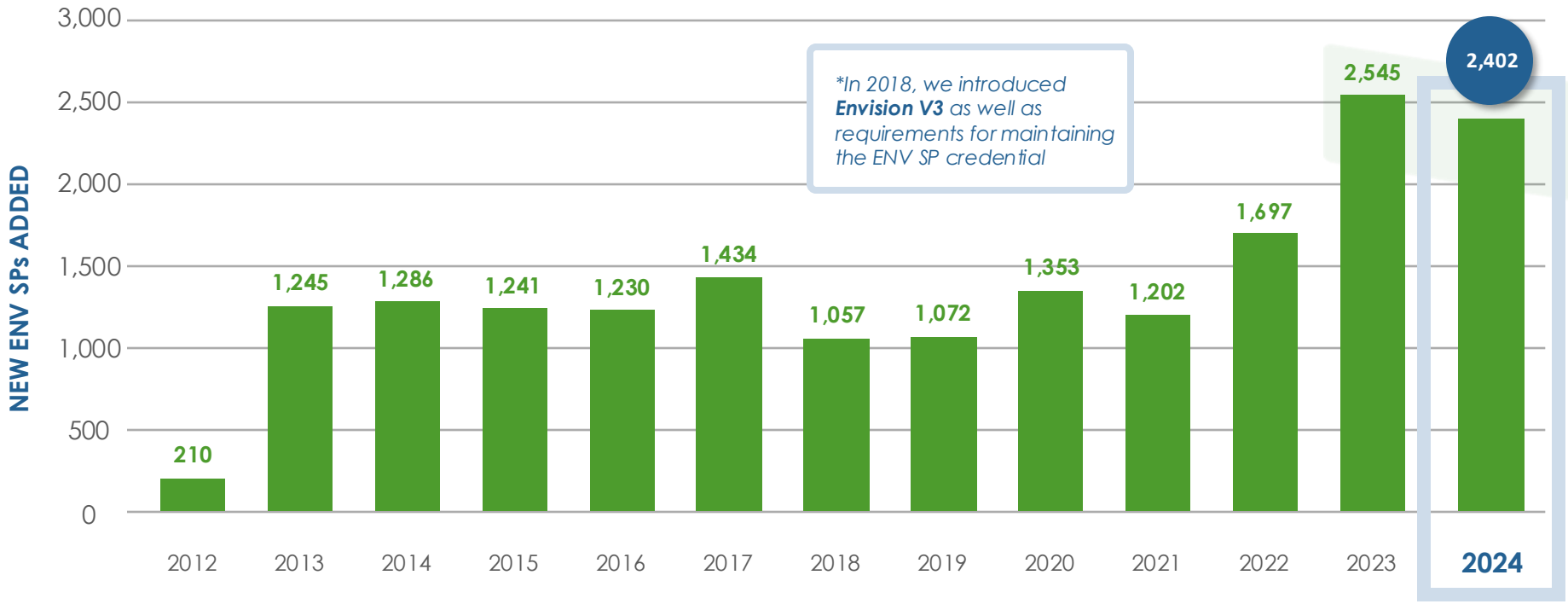

- Companies & Associations
- Individuals
- Public Agencies
- Academic Institutions

Institute for Sustainable Infrastructure

INTERNATIONAL

*By Year*

# New ENV SP Growth

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# 4 Envision By the Numbers

## MEMBERS & SUPPLIERS

Institute for Sustainable Infrastructure

INTERNATIONAL

*By Location*

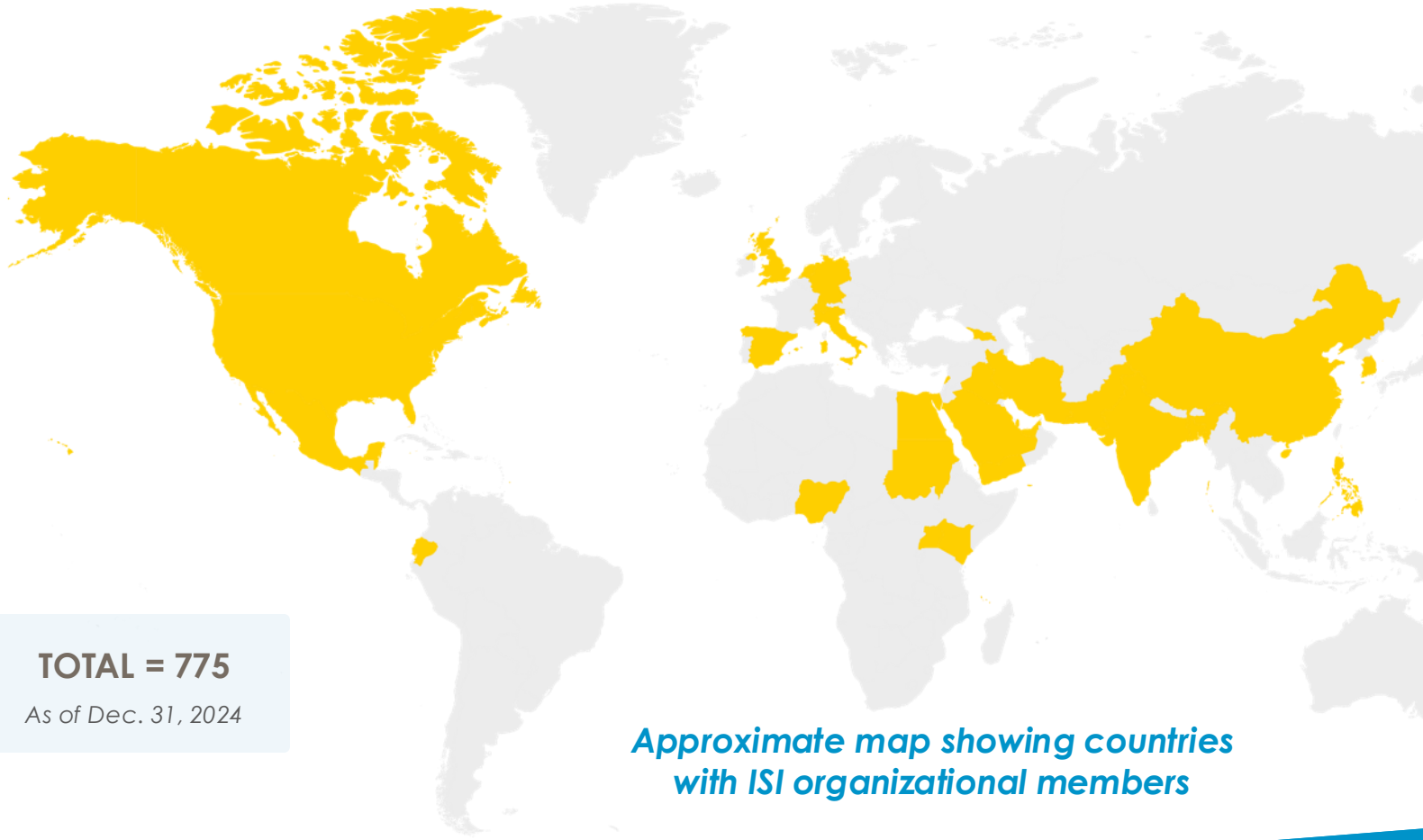
# Current Organizational Members

### COUNTRIES WITH 3+ MEMBERS

| Country | Totals |
|---|---|
| United States | 581 |
| Canada | 77 |
| India | 8 |
| Egypt | 6 |
| Saudi Arabia | 5 |
| United Kingdom | 4 |
| Pakistan | 3 |
| Kenya | 3 |

**TOTAL = 775**

*As of Dec. 31, 2024*



***Approximate map showing countries with ISI organizational members***

Institute for Sustainable Infrastructure

U.S. & CANADA

*By Location*

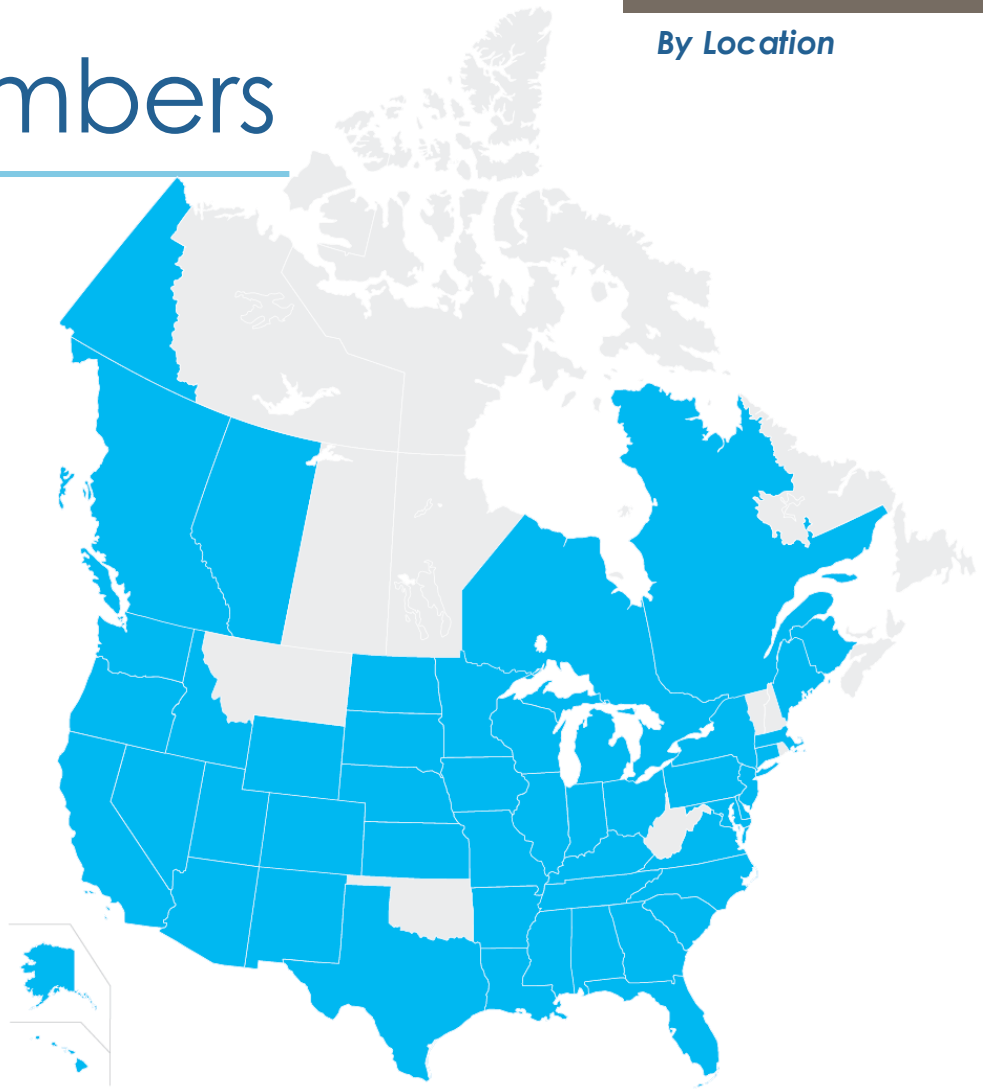
# Current Organizational Members

### JURISDICTIONS WITH 20+ MEMBERS

| State or Province | Totals |
|---|---|
| California | 88 |
| Florida | 59 |
| Texas | 46 |
| New York | 35 |
| Virginia | 31 |
| Ontario | 25 |
| Washington | 23 |
| Colorado | 21 |
| Massachusetts | 21 |

**TOTAL = 775**

*As of Dec. 31, 2024*



***Approximate map showing states and provinces that have ISI organizational members***

Institute for Sustainable Infrastructure

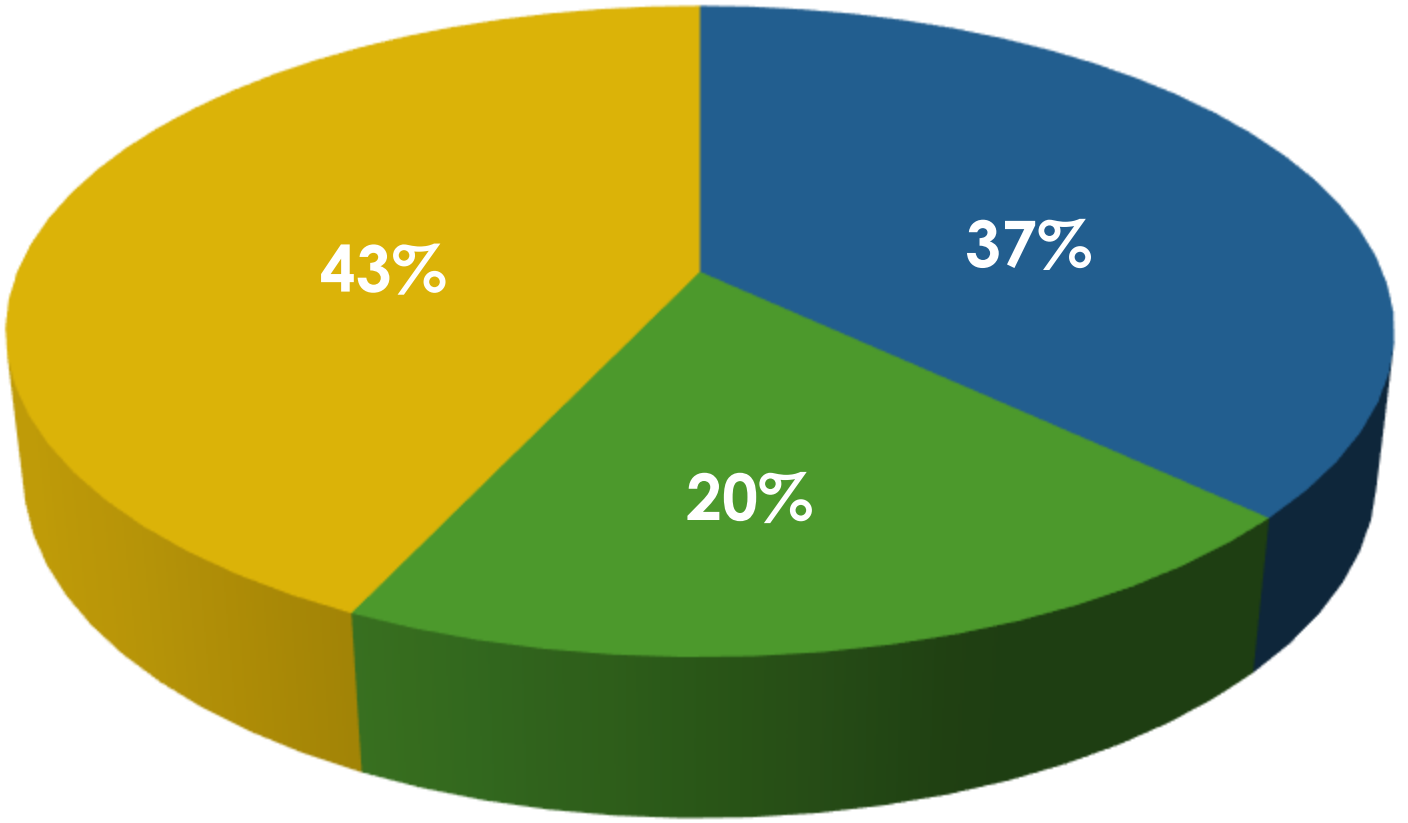
INTERNATIONAL

*By Type*

# Current Organizational Members

**TOTAL = 775**

*As of Dec. 31, 2024*

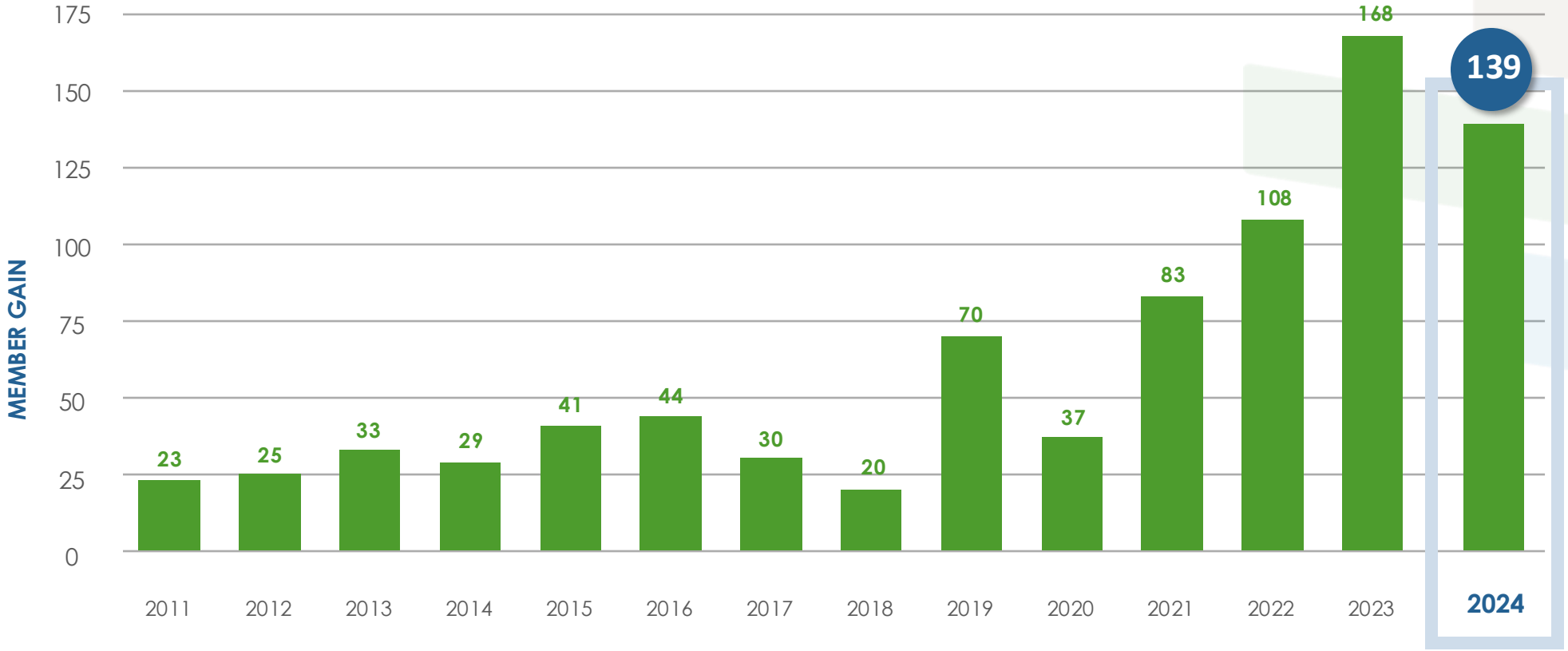



Institute for Sustainable Infrastructure

INTERNATIONAL

*By Year*

# New Organizational Member Growth




Institute for Sustainable Infrastructure

# New Organizational Members

*Visit our website for a complete list of members*

## PUBLIC AGENCIES

### United States:

City of El Dorado (KS)
City of Friendswood (TX)
City of Harrisonville (MO)
County of Volusia (FL)
Denver Department of Transportation and Infrastructure (CO)
Department of Defense (DC)
King County Executive Climate Office (WA)
Montgomery County Planning Commission (PA)
New Jersey Turnpike Authority (NJ)
New York State Department of Transportation (NY)
Town of Lexington (MA)

### Canada:

City of Chestermere (AB)

### International:

Sustainable Infrastructure Development Institute (South Africa)

## COMPANIES & ASSOCIATIONS

### United States:

Bentley Systems (PA))
Consor Engineers (TX)
Halff (TX)
Parkhill (TX)
Savino & Miller Design Studio (FL)
Terracon Consultants, Inc. (KS)

### Canada:

Canadian Society for Civil Engineering (BC)
Zemlitica Sustainability Consulting (NS)

### International:

Antalya-Alanya Otoyolu Insaat Yatirim ve Isletme A.S (Turkey)

## ACADEMIC INSTITUTIONS

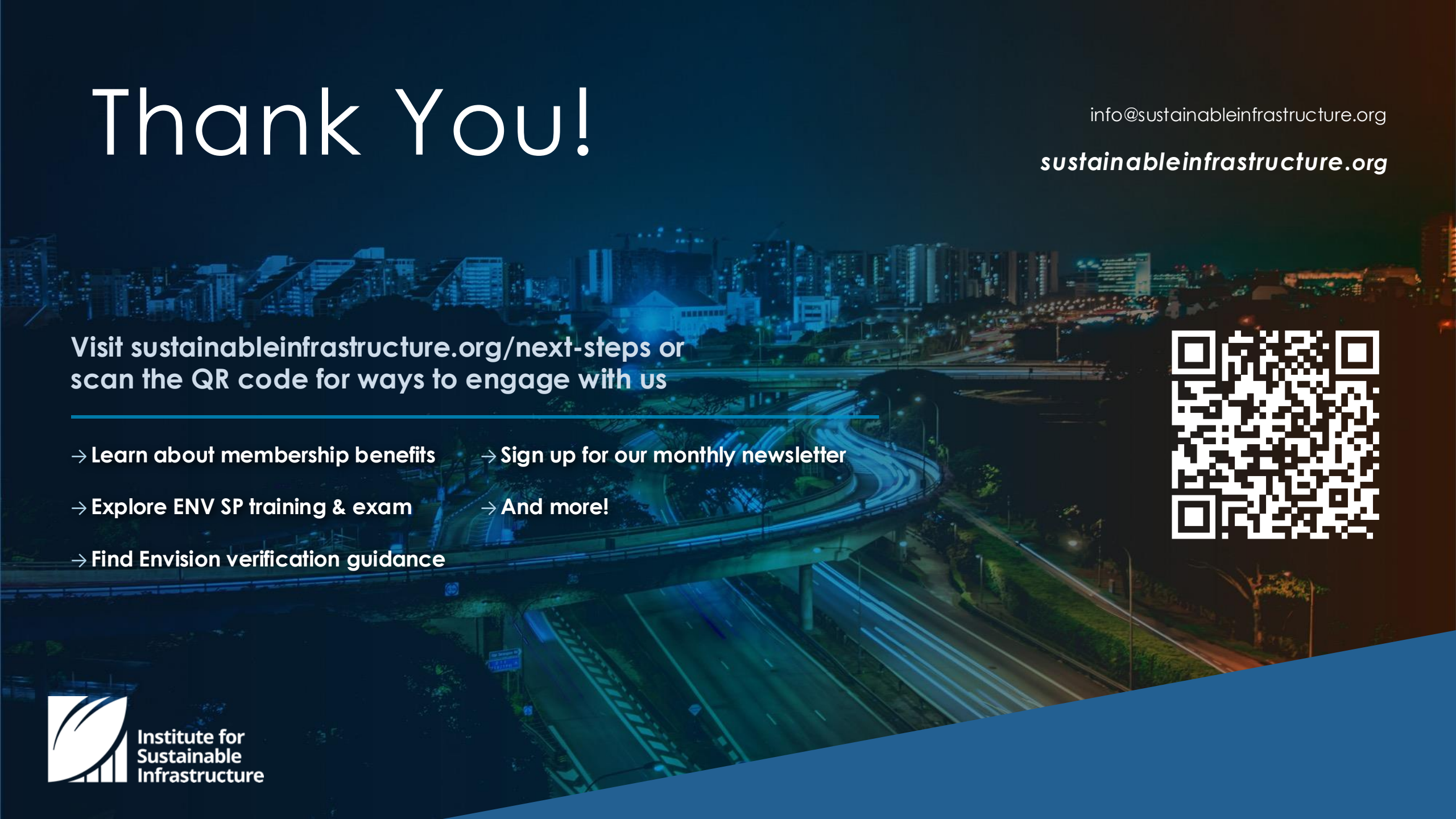
### United States:

Lincoln Memorial University (TN)
Oklahoma State University (OK)
University of Arizona (AZ)
Vanderbilt University (TN)

# Thank You!

info@sustainableinfrastructure.org

***sustainableinfrastructure.org***



**Visit sustainableinfrastructure.org/next-steps or scan the QR code for ways to engage with us**

- → Learn about membership benefits
- → Explore ENV SP training & exam
- → Find Envision verification guidance
- → Sign up for our monthly newsletter
- → And more!

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