



**Bentley  
Institute**

Bentley Institute support for infrastructure projects

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Inspiration

“Our mission is about helping our users succeed in meeting the toughest engineering challenges anywhere in the world. The knowledge that we play a part in helping them deliver the innovative infrastructure that improves the quality of life for people everywhere, continues to motivate us everyday.”

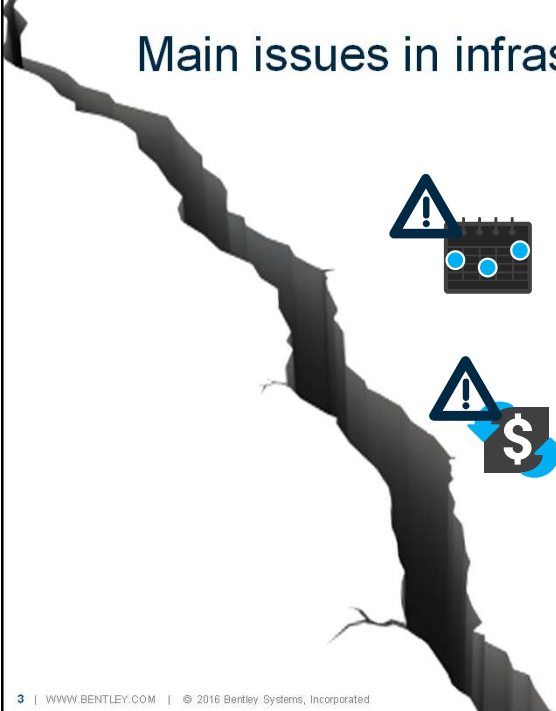
-Keith Bentley,  
Bentley Systems Founder and CTO





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## Main issues in infrastructure projects



-   Delays in execution of the investment
-   Exceeding the planned budget

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## Improving efficiency by supporting the implementation of digitization in infrastructure projects.



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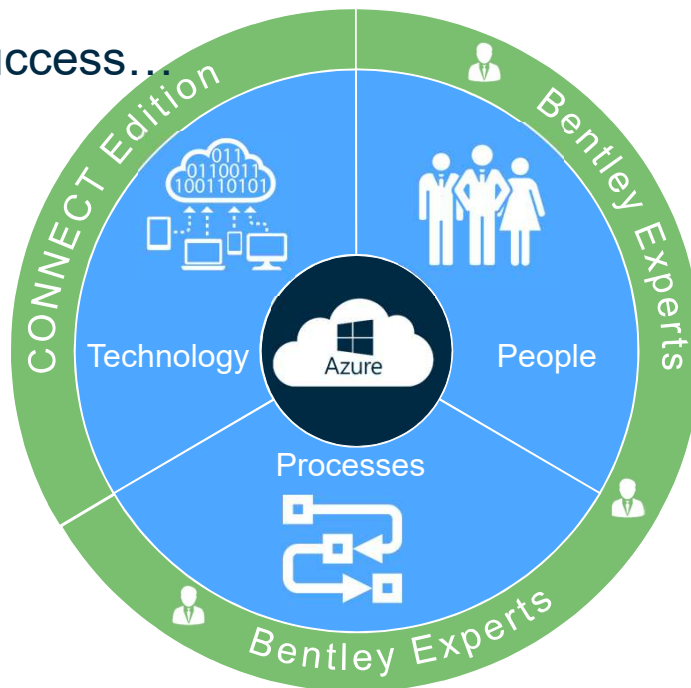
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## Recipe for success...



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## HUMAN RESOURCES ARE MOST IMPORTANT IN EVERY INFRASTRUCTURE PROJECT



Guarantee the appropriate number of  
highly qualified specialists, including  
knowledge of the software

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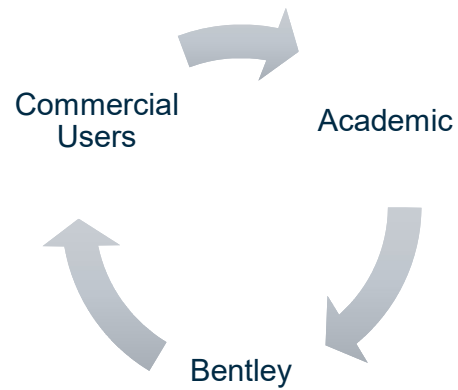
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## Building software ecosystem



- Goal:**  
Bentley Infrastructure  
Community  
 build strong connections  
 between:
- Commercial Users
  - Universities
  - Bentley



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# Future Professionals



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## Academic SELECT Subscription

The Bentley Institute Academic Program is committed to helping prepare students for tomorrow's infrastructure workforce. The Academic SELECT Subscription provides academic institutions with a comprehensive portfolio of more than 50 applications from Bentley, a leading company dedicated to providing software solutions for advancing infrastructure.


The Academic SELECT Subscription enables educators to give their students hands-on experience with the same software used by infrastructure professionals worldwide, providing them with an important competitive edge when they explore job opportunities.

**Features**

- Over 50 software applications (details in chart) for use in classrooms and labs
- Access to software downloads and on-demand learning for students' and educators' personal computers
- Free instructor-led online learning for educators
- Full upgrades to the latest software versions
- 24/7 technical support
- Networking and support via Bentley Communities

<b>Modeling and Visualization</b>	MicroStation, MicroStation PowerDraft
<b>Facility Modeling</b>	CenterPoint, Bentley LumenRT, Bentley Descartes On-campus use only. Bentley Pointwise
<b>Building Design &amp; Analysis</b>	Autodesk Building Designer, AECOsim Design Simulation, GenerativeComponents, Newcamp Mechanical Designer, PipingExpert Electrical Designer, HvacExpert, Revit
<b>Civil Design</b>	OpenRoads (InRoads, iCORP, and iMODEL) and iCorridor, PowerRoad, Power iRoad, Power iRoad for "Cityway", Bentley Rail Track, Power Rail Track, Power Rail OverheadLine, gINT Professional, Bentley's iRoad iRoad
<b>Bridge Analysis</b>	LEAP Bridge Connect, LEAP Bridge Detail, On-campus use only. iRM Bridge Advanced
<b>Structural Analysis &amp; Design</b>	STAAD.Pro, STAAD Foundation Advanced, RAM Structural System, RAM Elements, RAM Concept, RAM Connection, ProStructures, MicroStation
<b>Hydraulics &amp; Hydrology</b>	WaterGEMS, WaterCAD, SewerWIS, SewerGAS, HAMMER, CivilStorm, StormCAD, PondPack, CurbExtran, InRoads
<b>Offshore Structural Analysis</b>	MASSUP Enterprise On-campus use only. SAC3 Marine Design, SAC3 Offshore Design, Offshore MOSES Advanced
<b>Mine Design</b>	MicroStation Designer, MicroStation 3Dmine, MicroStation Mineral Modeling
<b>Pipe Design</b>	OpenPlant PFD, OpenPlant Modeler, OpenPlant Isometrics Manager, AutoPIPE Modeler, AutoPIPE
<b>Project Delivery, and Infrastructure Asset Performance</b>	Bentley Map Enterprise, Bentley Navigator

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**STUDENTserver**

Welcome to STUDENTserver

New User? [Register](#) Already a Member? [Sign In](#)

**Step 1: Download Software**

Once you have joined the STUDENTserver, first order of business is downloading and installing one or more of the many Bentley software products relevant to your studies. Be sure to check for the vital Site Activation Code required to register the software as part of the installation process.

**Step 2: Take Online Training**

To learn how to use Bentley software, be sure to check out the online training. You will find a wide range of topics from how to use your new software to advanced subjects taught by experts in the field. To get started a list of recommended introductory courses are available on the eLearning page.

**Step 3: Certificate and Transcript**

Bentley records each student's completion of On-Demand learning in their transcript. On completion of training, students are able to download and print Certificate of course completion. It may take up to 4 hours for a completed course to appear in your transcript.

**Step 4: Visit Bentley Academic Community**

Gain insight, get answers, exchange ideas, access training, and discuss a wide range of topics related to Bentley products in Bentley Communities. For how-to tips, Bentley product support, best practices, opinions and advice from students and faculty, infrastructure professionals, and Bentley subject matter experts, Communities is the place to go - anytime, from anywhere.

For more information please contact us at [academic@bentley.com](mailto:academic@bentley.com)

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## Academic Program Members in Slovakia

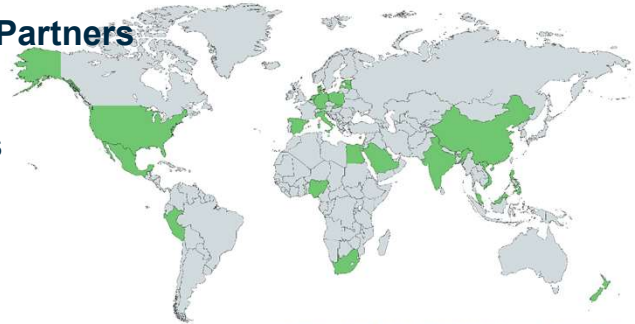
- STU SvF – Slovenská technická univerzita, Stavebná fakulta, Bratislava
- ŽU SvF – Žilinská univerzita, Stavebná fakulta, Žilina
- SPŠS – Stredná priemyselná škola stavebná, Žilina
- SPŠSaG – Stredná priemyselná škola stavebná a geodetická, Bratislava
- SPŠS – Stredná priemyselná škola stavebná, Prešov

# Continuous Learning



## Bentley Institute Product Training Partners

- Authorized training partners for given territories
- Train on latest Bentley technologies
- Support adoption of new technologies
- Increase users' productivity
- Optimize use of our software, to meet learning or business objectives
- Educate current and future generations of infrastructure professionals



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# Bentley Institute Press



Bentley Institute Press is a knowledge leader in the publication of cutting-edge university textbooks and professional reference works dedicated to the needs of the architectural, engineering, construction, geospatial, and educational communities.



[www.bentley.com/books](http://www.bentley.com/books)

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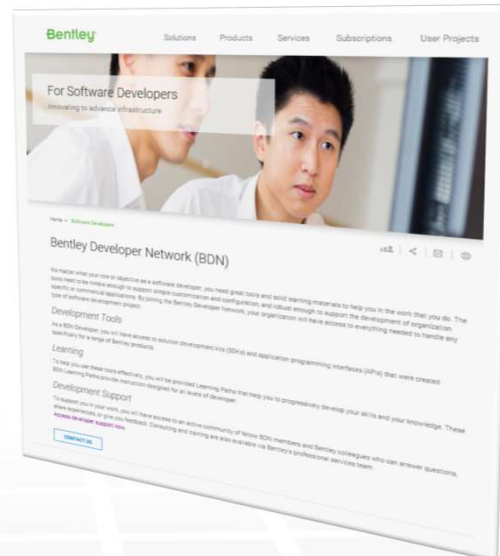
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## BDN - Introduction



The Bentley Developer Network is part of the Bentley Technology Partner program, provides third-party developers with resources to help them successfully develop and test software products that complement Bentley technologies.

[www.bentley.com/en/software-developers](http://www.bentley.com/en/software-developers)



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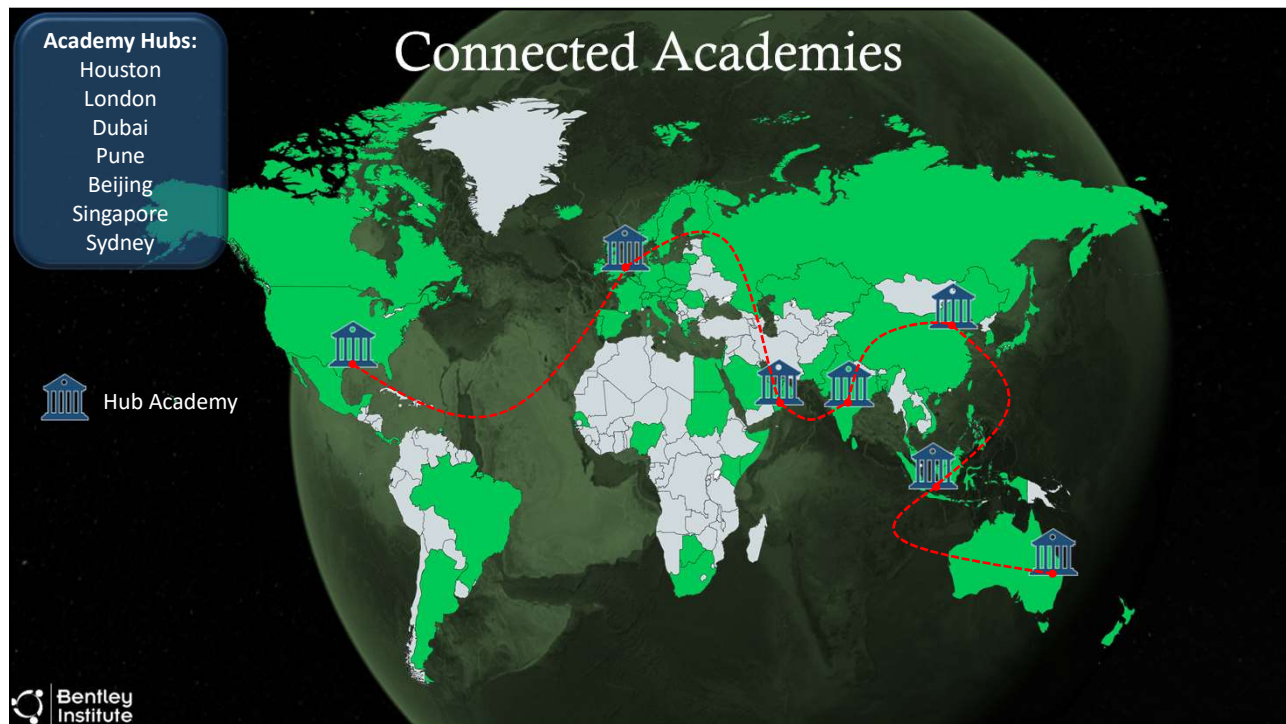
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**Digital Advancement Academies**  
partner with industry as a catalyst for  
thought leadership and knowledge exchange.



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# Connected Academies

**Academy Hubs:**  
Houston  
London  
Dubai  
Pune  
Beijing  
Singapore  
Sydney

Hub Academy  
Branch Academy  
Success Plan Academy  
Strategic Alliance Partner  
Universities & Research

**SUDOP PRAHA**  
is a part of the Digital Advancement Academies branch network  
authorized to deliver thought leadership sessions for industry in  
Czech Republic  
during the period  
April 2019 to December 2019

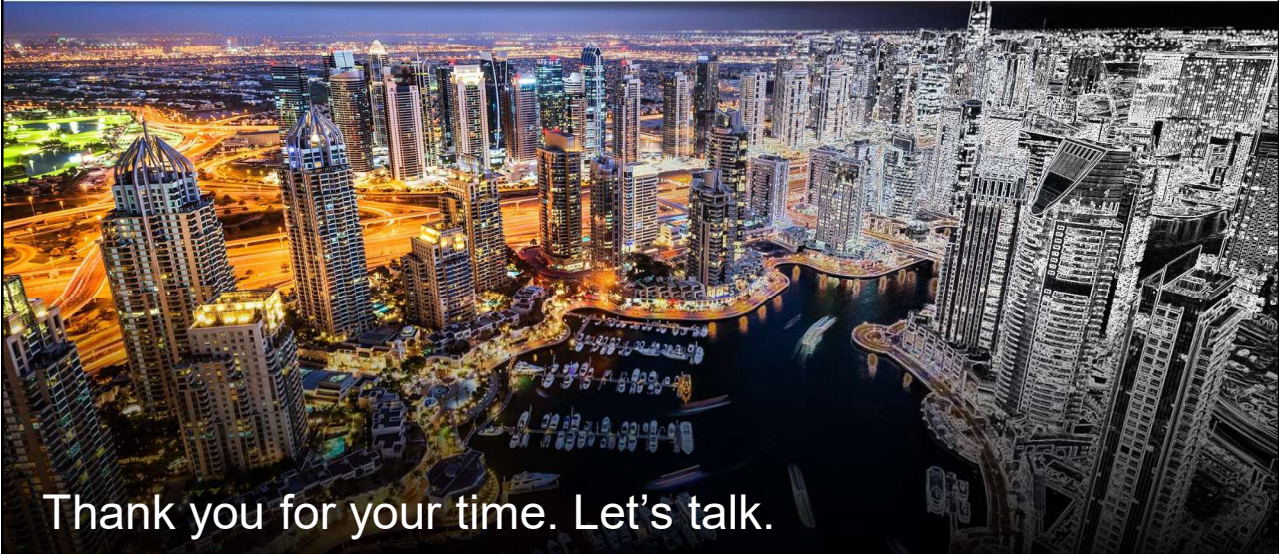
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**“Mankind’s greatest achievements have come about by talking  
and its greatest failures by not talking. ”**


**Stephen Hawking**

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Thank you for your time. Let's talk.

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