

Bentley Infrastructure 500 Top Owners Ranking

Bentley Systems has announced during the BeInspired conference the release of its inaugural Bentley Infrastructure 500 Top Owners ranking. This global compendium of the top public- and private-sector owners of infrastructure is based on the value of their cumulative infrastructure investments (measured by reported net tangible fixed assets). Data sources for the Bentley Infrastructure 500 included published financial statements and third-party research. The rankings, which Bentley will update annually, make it possible to readily compare investment levels across types of infrastructure, regions of the world, and public and private organisations.

Bentley Systems has compiled the Bentley Infrastructure 500 Top Owners ranking to help global constituents appreciate and explore the magnitude of investment in infrastructure and the potential to continually increase the return on that investment. The infrastructure value represented is over USD13,000,000,000,000 (or USD13 trillion), which, to provide perspective, is close to the US annual GDP and equal to the combined annual GDPs of China, Japan, and Germany. Bentley itself is committed to enhancing ROIs through leveraging information modelling by way of integrated projects to create more intelligent infrastructure on behalf of owner organisations. Bentley already serves more than 75% of the Bentley Infrastructure 500 Top Owners and 92 of the top 100 owners, and has increased this focus through its AssetWise initiative for asset lifecycle information management.

An analysis of the Bentley Infrastructure 500 substantiates the global nature of top-level investment in infrastructure, with 46 countries represented in the rankings. The top five countries, in terms of the infrastructure value of the Top Owners headquartered in each, are:

- United States - 166 Top Owners, USD4,241.1 billion
- Japan - 58 Top Owners, USD1,349.2 billion
- China - 29 Top Owners, USD869.6 billion
- France - 22 Top Owners, USD747.2 billion
- United Kingdom - 23 Top Owners, USD617.8 billion

Further analysis of the Top Owners shows the extensive involvement of the private sector in infrastructure investments, with 359 of the Bentley Infrastructure 500 being private-sector organizations. The total value of their infrastructure is more than USD9 trillion.

The top 10 owners in the Bentley Infrastructure 500 and the value of their respective infrastructure are:

- United States Government, USD282.7 billion
- Electricite de France SA - EDF, USD186.4 billion
- Gazprom (Russia), USD161.8 billion
- PetroChina Company Limited, USD155.9 billion
- Exxon Mobil Corporation, USD139.1 billion
- Petrobras (Brazil), USD132.2 billion
- Royal Dutch Shell Plc, USD129.1 billion
- United States Department of the Army, USD122.1 billion
- Enel Spa (Italy), USD113.9 billion
- Nippon Telegraph and Telephone Corporation (Japan), USD107.8 billion

Readers of the ranking will also learn that the largest:

- commercial facilities owner is #13, Wal-Mart Stores, at USD102.3 billion;
- state government infrastructure owner is #14, California, at USD102.2 billion;
- rail owner is #15, Ferrovie Dello Stato, at USD101.6 billion;
- manufacturing owner is #31, Toyota Motor, at USD71.9 billion;
- mineral resources owner is #36, Vale, at USD66.1 billion;
- infrastructure owner in India is #81, Reliance Industries, at USD38.1 billion;
- private infrastructure investor is #89, Ferrovial, at USD35.9 billion;
- bank owner is #128, Royal Bank of Scotland Group, at USD25.3 billion;
- private water infrastructure owner is #322, Kemble Water Holdings, at USD14.3 billion.

Other notable Top Owners are:

- #88, Government of Hong Kong, at USD36.2 billion;
- #183, University of California, at USD21.2 billion;
- #232, The Port Authority of New York and New Jersey, at USD18.3 billion;
- #258, Walt Disney Company, at USD17.5 billion;
- #404, Hospital Corporation of America, at USD11.5 billion;
- #468, City of Helsinki, at USD10.2 billion

"As the global economy improves and government investments in this area increase, the time to advance our infrastructure is now," said

Michael Valocchi, Energy & Utilities Industry Leader for IBM Global Business Services. "IBM's Smarter Planet initiative is showing that doing more with what we have and adding intelligence to all elements of our infrastructure can enable better economic decisions and environmental outcomes. I congratulate Bentley on this fine new tool for the entire infrastructure community."

Norbert Young, former leader of McGraw-Hill Construction and currently managing director of Duck Cove Associates consulting firm and a member of the Bentley Infrastructure Ambassadors Council, said, "Up to now, there wasn't a ranking counterpart, to McGraw-Hill's highly regarded ENR Top Lists of design and construction firms, compiling global infrastructure owners based on their cumulative net investment. With the release of the Bentley Infrastructure 500 Top Owners, AECO professionals and their many constituents can now refer to this well-researched ranking. For the year and a half of hard work that went into its development, I salute the Bentley team!"

The full list is available for download. Readers are authorised and encouraged to use it for any purpose with attribution.

<https://www.gim-international.com/content/news/bentley-infrastructure-500-top-owners-ranking>
