

Key Challenges Facing Quotient's Federal Government Clients

Mission: preserve the Earth's bio-diversity for use in scientific research that improves the quality of human life globally

Web Services

"We need to present more genomic data to a wider audience of researchers and encourage online collaboration."

Case Study: Smithsonian Institutes (SI) Global Genome Institute

The Global Genome Initiative's (GGI) purpose is to support genomic research through a global network of biorepositories and research organizations tasked with solving the world's toughest problems. Current goals are to collect, barcode and cryo-preserve 50% of the Earth's genomic diversity and make these collections easily available for advanced nutritional, environmental, agricultural and pharmaceutical research. GGI had a short time frame and limited budget but knew what enhancements they wanted to make to their website.



PROBLEM WAS:

- Existing site was difficult to read and navigate. Not many users.
- Users got frequent error messages.
- More information from diverse sources needed to be accessed.
- Didn't display properly on phones or tablets.
- Content difficult to update.



SOLVED BY:

- Listening carefully to client needs and communicating options clearly.
- Migrating the website to Drupal 7.
- Restructuring the site to dynamically generate content from other sites.
- Giving GGI staff control over data and feature updates.
- Completely redesigning the layout and features.



RESULTS WERE:

- Error free, engaging, interactive website.
- Terabytes of easily accessible, constantly changing data made available to researchers.
- Site displays properly on all mobile devices.
- Traffic to the site has increased tenfold.
- Increased the probability of curing cancer and feeding the hungry.