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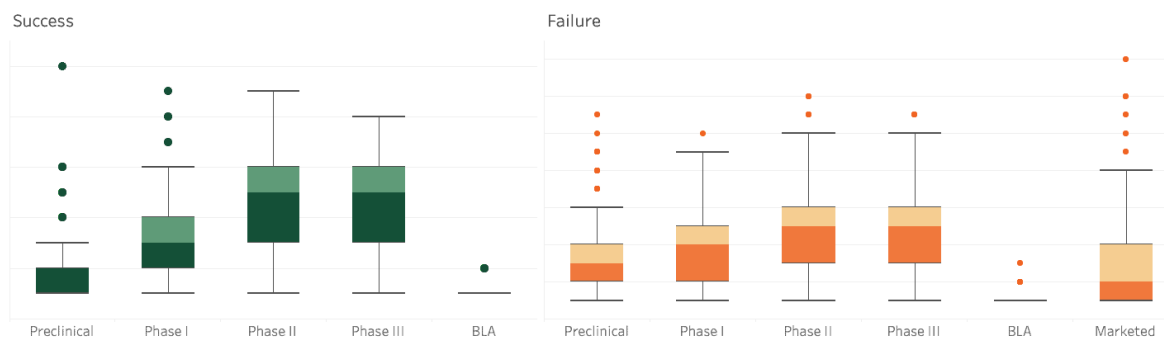
PEGASi

Q: How do you plan for an uncertain future?

A: Model it.



One simulation gives you a number. Multiple simulations gives you a model. Pegasi's Monte Carlo modeling capabilities offer a versatile and adaptable method that uses repetition to effectively address variability. The below box whisker plot, for example, represents the likely success/failure variability of therapy candidates in each phase over time.



This box whisker plot represents the likely success/failure variability of therapy candidates in each phase over time.

The unique aspect of Pegasi is that it can facilitate decision making on questions in environments of high uncertainty. Examples of the types of modeling questions that may be relevant to you are:

- What is the addressable market for my [reagent/manufacturing equipment/etc.]?
- What is the cost of goods of my therapeutic product, how is that likely to change over time, and what improvements should I prioritize to reduce it?

- Is it more cost-effective to build my own manufacturing facility or to outsource manufacturing to a CDMO? How does this change over time as my products progress through development?

- What is the potential capacity of my manufacturing facility? How large of a facility should I build to achieve my revenue goals?

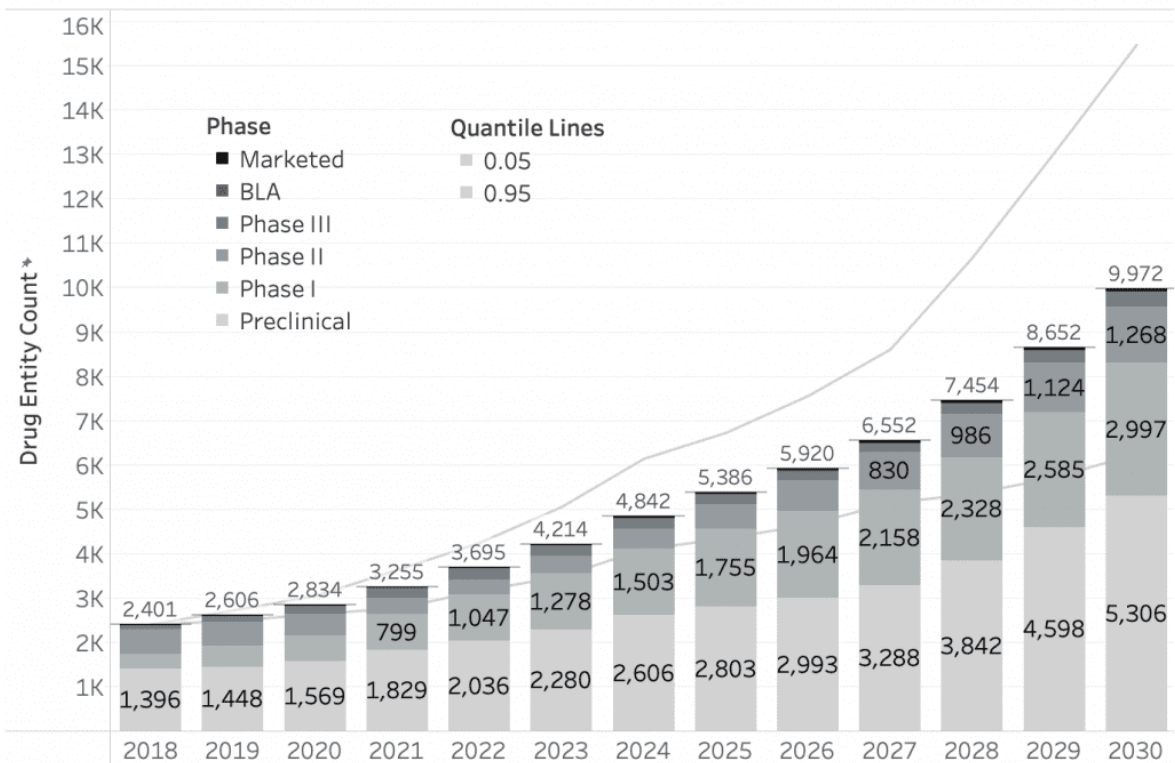
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Case Study Library
or, contact us for a demo.

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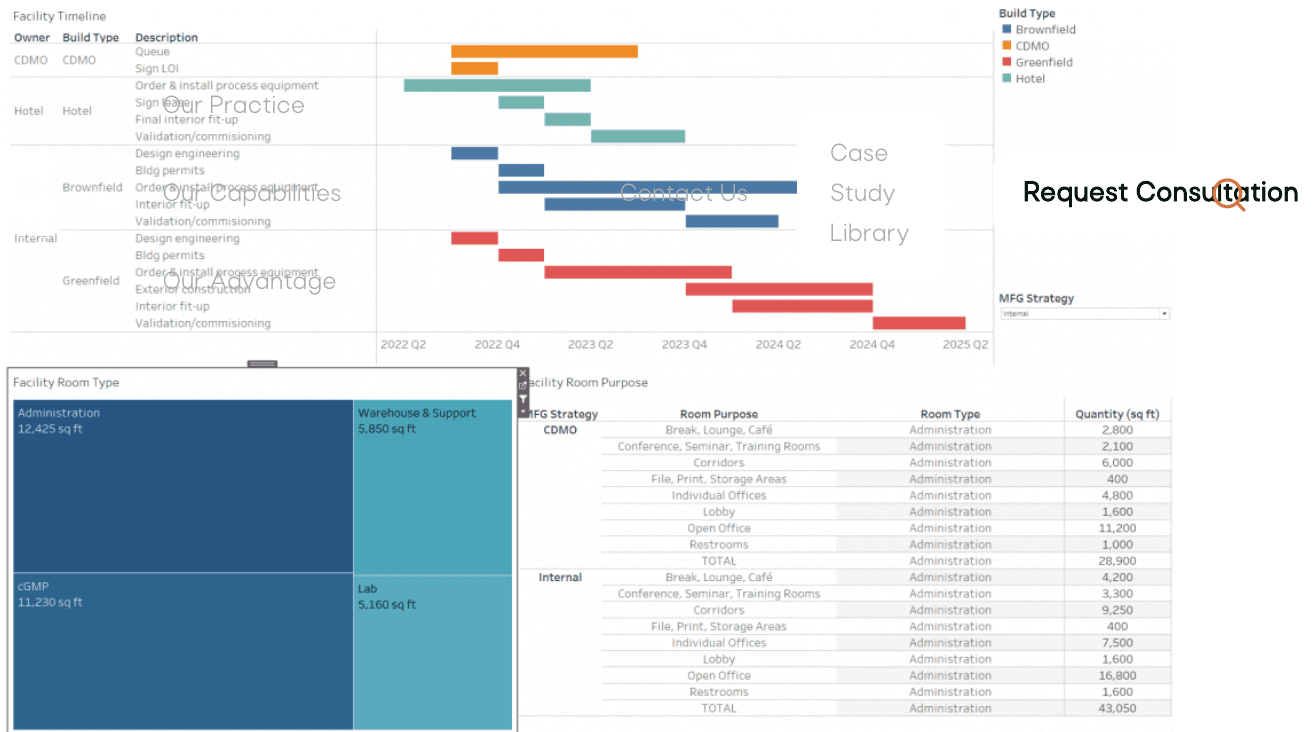
Pegasi's functionality includes Monte Carlo algorithms, allowing a capture of inherent variability in outcomes to enable enhanced statistical sampling. The following Market Forecast is an example, forecasting of the CGT market space through 2030.

Market Forecast



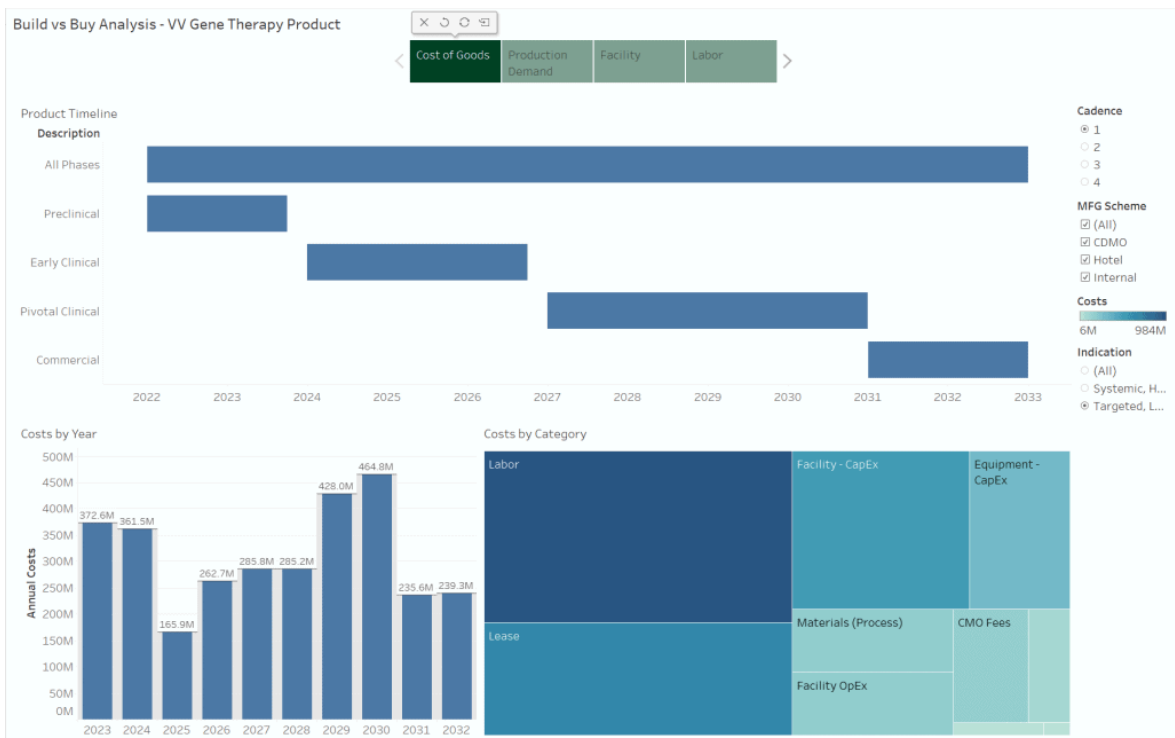
A forecast of the CGT market through 2030, using Pegasi's Monte Carlo functionality

Project requests may range from build vs. buy decisions to COGs assessments and market analyses; deliverables include a dynamic dashboard capable of capturing changes to key assumptions in real time across all connected models. The image below is a dashboard view. The Pegasi dashboard allows the viewer to stay at a top-level view or drill down into the details. This sample demonstrates a view of the benefits of different manufacturing strategies using real-time navigation through facility timelines and requirements.



The Pegasi dashboard allows the viewer to stay at a top-level view or drill down into the details. This sample demonstrates a view of the benefits of different manufacturing strategies using real time navigation through facility timelines and requirements.

This example shows the image-as-filter capability, in this case enabling dynamic navigation of costs based on clinical manufacturing phase.



Our first Pegasi case study is now available! In this example, an international tools and technology company requested a market

analysis of the gene-editing and advanced therapies space as well as a facility buildout plan to manufacture a critical component for gene therapy applications.

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