## Fuel for Thought

A Comprehensive Look at The Current State of Requirements in the **Energy Sector** 

nating the intricate relationship between organizational processes and quality requirements. Drawing insights from the responses of more than 150 engineering professionals across diverse

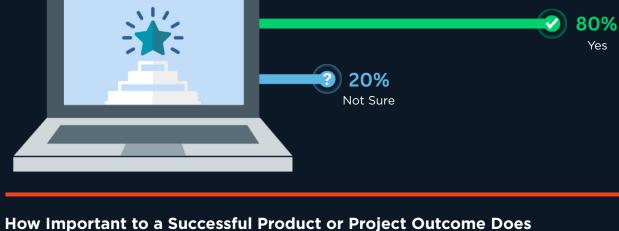
QRA and The Engineer partnered to conduct a comprehensive research survey aimed at illumi-

industries, this survey delves into the challenges and opportunities surrounding requirements, offering a nuanced understanding of current landscapes. Segmenting the data by industry results in tailored insights and statistical benchmarks allowing

your team to navigate the specific dynamics of your industry.

**Requirements?** 

Do You Have Tools and Process in Place to Manage and Process Technical



the Quality of the Technical Requirements?

Important

Establish Technical Review Processes

Continuous Risk Assesment Practices

20%

Very

High

Quality

0%

No

Formal

**Process** 

Reviewing Requirements

Requirement Traceability

Receiving Customer Requirements and Decomposing Them Into Your Own

Receiving Customer Requirements and

Generating Your Own Requirements

for Internal Use

Implementing Formal Processes

Reducing Requirement Rewriting

Writing Consistently

Low Quality?

Your Organization Consider the Quality of the Technical Requirements?



20%



40%

40%

40%

0%

Very

Quality

0%

Low

Quality

20%

Technical Knowledge and Experience

0%

Using

Software

31%

31%

40%

24%

40%

Utilize Six Sigma Methodology 20%



20%

20% 21-30% 20%

1-5%

6-10%

11-20%

20%

High

Quality



Consistency in Standards Required 40%

Project Lifecycle Consideration

Adequate

Quality

What Would You Consider To Be the Most Significant Differentiator Between Requirements Writers That Produce Top Quality and Those That Produce



Team Benefit From Having Additional Support?

7%

7%

Is Your Company Currently Leveraging Technology to Improve Requirements?

Using a

Review

Stage

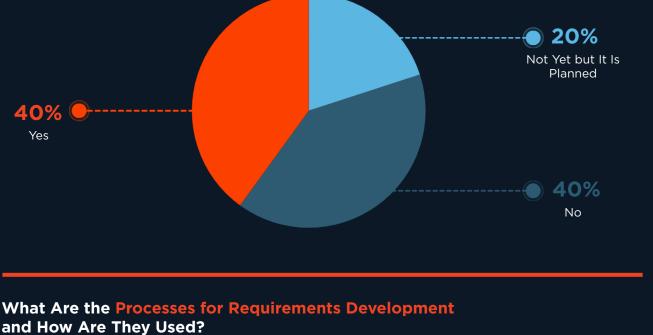
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On a

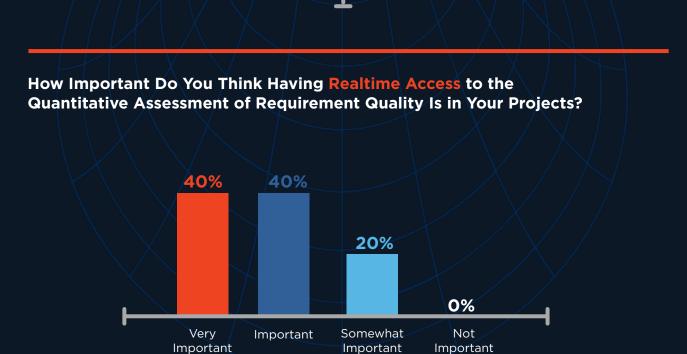
Situational

Basis

For Which Aspects of the Requirements Process Would Your



10% Proceeding With Them as Is Generating Internal Requirements for External 30% Use (Clients, Contractors, Subcontractors)



**Across All Documents?** 

What Benefits Would You and Your Team Derive From Having Realtime Access to the Quantitative Assessment of the Quality of Requirements



landscape. Integrating software tools with requirements offers a powerful option for enhancing the capabilities of requirement authors, leaders, and Learn how you can embrace these technologies with the help of QRA and our suite of requirements tools.

Embracing innovation and technology is essential to thriving in this evolving