**Abstract:** Renewable energy (solar, wind, geothermal and hydrogen) are means by which corporations and government hope to mitigate the effect of climate change. However, literature is rife with examples of renewable energy projects not being able to deliver as promised, with difficulties like energy transportation, energy output and subpar financial outcomes. Yet, the sector has experienced exponential growth in recent years, with new projects being continually sanctioned. This paper aims to utilize the method of text mining and topic modeling to probe why this growth occurs. Additionally, we will use these data analytic methods to rank, understand, and discuss contributing factors to this growth, by analysing a collection of 100 peer reviewed scientific articles which specifically discuss “renewable energy project success”. The papers selected encompass policy, economics, technology, and engineering. Our results indicated that “softer” non-financial factors were more prevalent growth factors, but that financial considerations were not far behind.

**One-Sentence Summary:** This paper aims to determine and rank success and growth factors in renewable energy projects worldwide.