

# Customized Balanced Readiness Level Assessment sebagai Usulan Instrumen Penilaian Program Pendanaan Riset dengan Model Triple Helix di Indonesia = Customized Balanced Readiness Level Assessment as a Proposed Assessment Instrument for Research Funding Programs with Triple Helix Model in Indonesia

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## Abstrak

Riset dan Inovasi masuk dalam agenda jangka menengah dan panjang pemerintah Indonesia untuk mewujudkan visi Indonesia sebagai ekonomi maju pada tahun 2045 mendatang. Namun demikian, rendahnya belanja riset dan inovasi di Indonesia masih menjadi problematika yang cukup kritikal. Model Triple Helix arrangement dalam pelaksanaan riset dan inovasi menjadi salah satu hal penting untuk kemajuan teknologi dan ekonomi. Di Indonesia setidaknya ada tiga skema pendanaan yang menerapkan model Triple Helix arrangement dengan instrumen pengukurannya masing-masing seperti TKT maupun Katsinov yang dalam penggunaan instrumen tersebut masih terdapat hambatan sulitnya dipahami oleh para penggunanya baik kalangan periset, industri, maupun praktisi, sehingga penulis berusaha mengadaptasi Balanced Readiness Level Assessment (BRLA) yang sebelumnya dikembangkan di Norwegia untuk dapat dikembangkan menjadi instrumen penilaian pendanaan model Triple Helix di Indonesia dengan menggunakan pendekatan design thinking yang mengedepankan kebutuhan penggunanya melalui lima tahapan design thinking yaitu empathize, define, ideate, prototype, dan testing. Hasil menunjukkan bahwa adaptasi BRLA menjadi Customized BRLA (CBRLA) dapat digunakan untuk menilai pendanaan riset dan inovasi model Triple Helix, dengan harapan bahwa pendanaan riset, pengembangan dan inovasi yang sebagian besar diberikan oleh pemerintah dengan memperhatikan kesiapannya dapat menghasilkan luaran yang optimal dan bermanfaat.

.....Research and Innovation are included in the Indonesian government's medium and long-term agenda to realize Indonesia's vision as an advanced economy by 2045. However, the low research and innovation spending in Indonesia is still a critical problem. The Triple Helix Arrangement model in conducting research and innovation is one of the important things for technological and economic progress. In Indonesia, there are at least three funding schemes that apply the Triple Helix arrangement model with their respective measurement instruments such as TKT and Katsinov, where in the use of these instruments there are still obstacles that are difficult to understand by users, both researchers, industry, and practitioners, so the author tries to adapt Balanced Readiness Level Assessment (BRLA) which was previously developed in Norway to be developed into a Triple Helix model funding assessment instrument in Indonesia by using a design thinking approach that prioritizes the needs of its users through five stages of design thinking, namely empathize, define, ideate, prototype, and testing. The results show that the adaptation of BRLA to Customized BRLA (CBRLA) can be used to assess research and innovation funding for the triple helix model, with the hope that research, development and innovation funding, which is mostly provided by the government by paying attention to its readiness, can produce optimal and impactful outcomes.