



**FROM CHALLENGE TO CHANGE:**

**How Koding Next and Stemi impact  
STEM education in Indonesia**





## INTRODUCTION

At Stemi, we're driven by the belief that education should evolve with technology. Our partnership with Koding Next, spearheaded by EdTech visionary Mateusz Rybiński, is a testament to this belief. Together, we're introducing innovative STEM programs to schools across Indonesia via the stemi LAB - deep education experience platform.






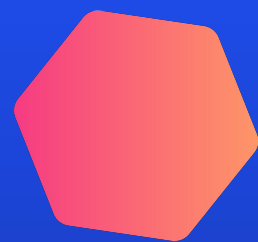
## THE PROBLEM

### Coding Crisis: Addressing the Shortage of ICT Skills in Schools

The challenge was clear - how to bring modern STEM education to schools lacking resources, especially in coding and technology.

Many Indonesian schools struggled with outdated curricula and a scarcity of qualified ICT teachers, making it difficult to prepare students for the digital age. Koding Next was searching for a technology partner who could help digitalize the content and provide a platform which can help schools teach coding without participation of teachers in the learning process.





## THE SOLUTION

A Digital Leap: Crafting Cutting-Edge STEM Solutions

Our collaboration with Koding Next aimed to overcome these obstacles by digitizing content and providing a comprehensive platform suitable for both in-person and remote learning.

Leveraging our modern learning solutions on the stemi LAB - deep education experience platform, we provided seamless integration for Koding Next innovative curricula, enhancing their reach and impact without requiring significant investment in new equipment.





***"Stemi has been instrumental in bringing our vision to life. Their stemi LAB platform and approach to STEM education perfectly aligned with our mission, enabling us to make a real difference in the Indonesian education system."***

— **Mateusz Rybiński**, co-founder of Koding Next





# RESULTS

**Achievement Unlocked: Elevating Indonesian Education with Tech**  
While the impact is still being measured, in this first school year we set the ground to support up to 10,000 students across 10-15 schools, dramatically increasing access to quality STEM education. Our joint efforts have sparked significant interest among schools in Indonesia, eager to modernize their educational offerings and equip their students with critical tech skills.



## CONCLUSION

This partnership between Stemi and Koding Next underscores the power of collaborative innovation in transforming education. By addressing the pressing needs of schools and students, we're not just changing how subjects are taught – we're shaping the future leaders of the technology-driven world.

"Seeing the enthusiasm from both teachers and students as they engage with the Stemi Lab platform reinforces our belief in this partnership. Together, we're not just teaching coding; we're inspiring a new generation to innovate and solve real-world problems." - Mateusz Rybiński, an EdTech Entrepreneur, co-founder of Koding Next and joint-venture company Coding Powers, president of EdTech Poland Foundation and co-founder of consulting company Edustr.io.

