The goal of our project is to establish an Innovation centre within R2R technology. Typically, R2R technology is a roll-to-roll technology that can be used to print posters, coated brochures and the like in large quantity.

We want to build up this technology into a future technology that enables the production of modern electronics and modern flexible solar cells.

In our region, many companies are located which deal with, e.g., energy efficiency and renewable energies. Hence, our new technology fits perfectly to the future production technologies of the region.
To develop this technology for the region, RollFlex brings together the most important regional partners: CAU with its cleanroom in Kiel, Stensborg with commercial R2R Holoprint Technology, FUMT with new printable materials, as well as a number of network partners.
THREE GROUNDPIILLARS

Our new innovation project centre RollFlex is based on three pillars: Besides research and development, we want to initiate innovation projects with companies, and to educate both students and company employees.
Thus, we also seek to actively involve regional companies in the RollFlex centre to develop innovative new products and future electronics. For that we collaborate closely with our innovation lab at MCI.
ADDED VALUE FOR THE REGION

• We work on the image of the region as a high technology region.
• We present new production technologies via innovative solutions.
• We thereby attract highly qualified experts and create new jobs.