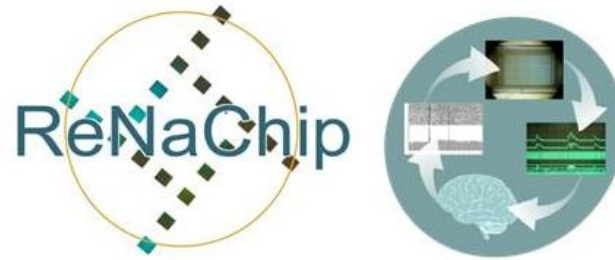


R → D → P
2009

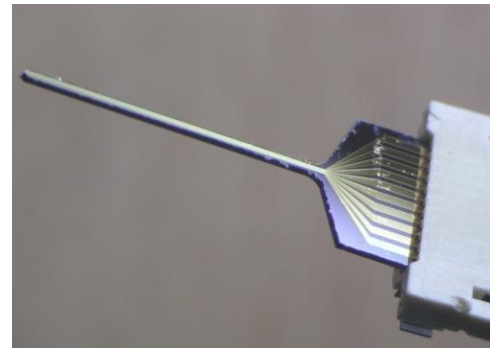


inex

The loss of brain function through aging or disease affects many millions of people worldwide. The EC Framework Programme *ReNaChip* project is developing a system in which a silicon processing chip can be interfaced in real time with the brain to recover lost function bringing about novel approaches to clinical treatment. INEX as project coordinator is working with its European partners to establish a route to market for hardware and software developed within the programme, potentially as an integrated system.



2009



Application: Neuroscience and medical research, application in long-term rehabilitation of defective brain functions.



Substrate: Silicon

Technology: Metallisation, patterning & passivation

Scope: Research & Development (Tel Aviv & Lund Universities)

Integration: Interface of the component technologies into a real time acquisition & control system.

