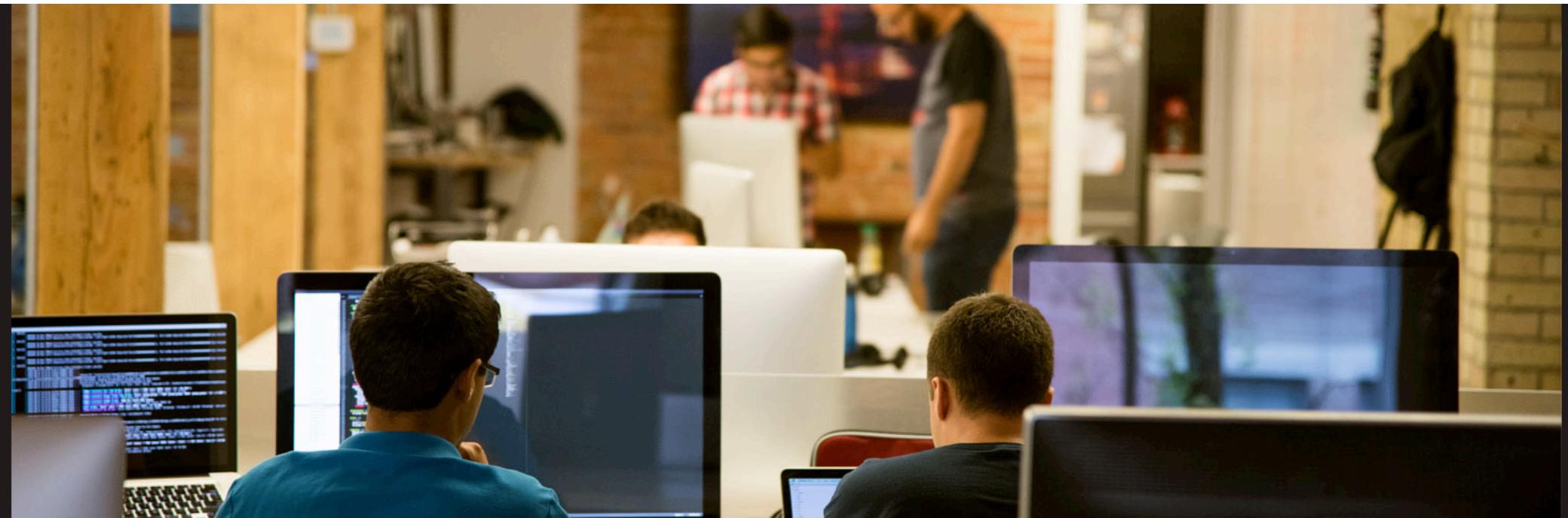




Innovation in times of *accelerating* change



We're in a time of accelerating change

Business models are rapidly changing as
exponential technologies dramatically impact
every aspect of business



Some examples of exponential technologies

Computer Processing Power

Moore's Law - Processing power has been doubling every 18-24 months since 1965

Big Data

90% of world's data has been created in the last 2 years showing just how fast we are generating data now.

Internet of Things (IoT)

There are 12 billion IoT devices today. It's expected to be 30+ billion devices by 2025

Artificial Intelligence

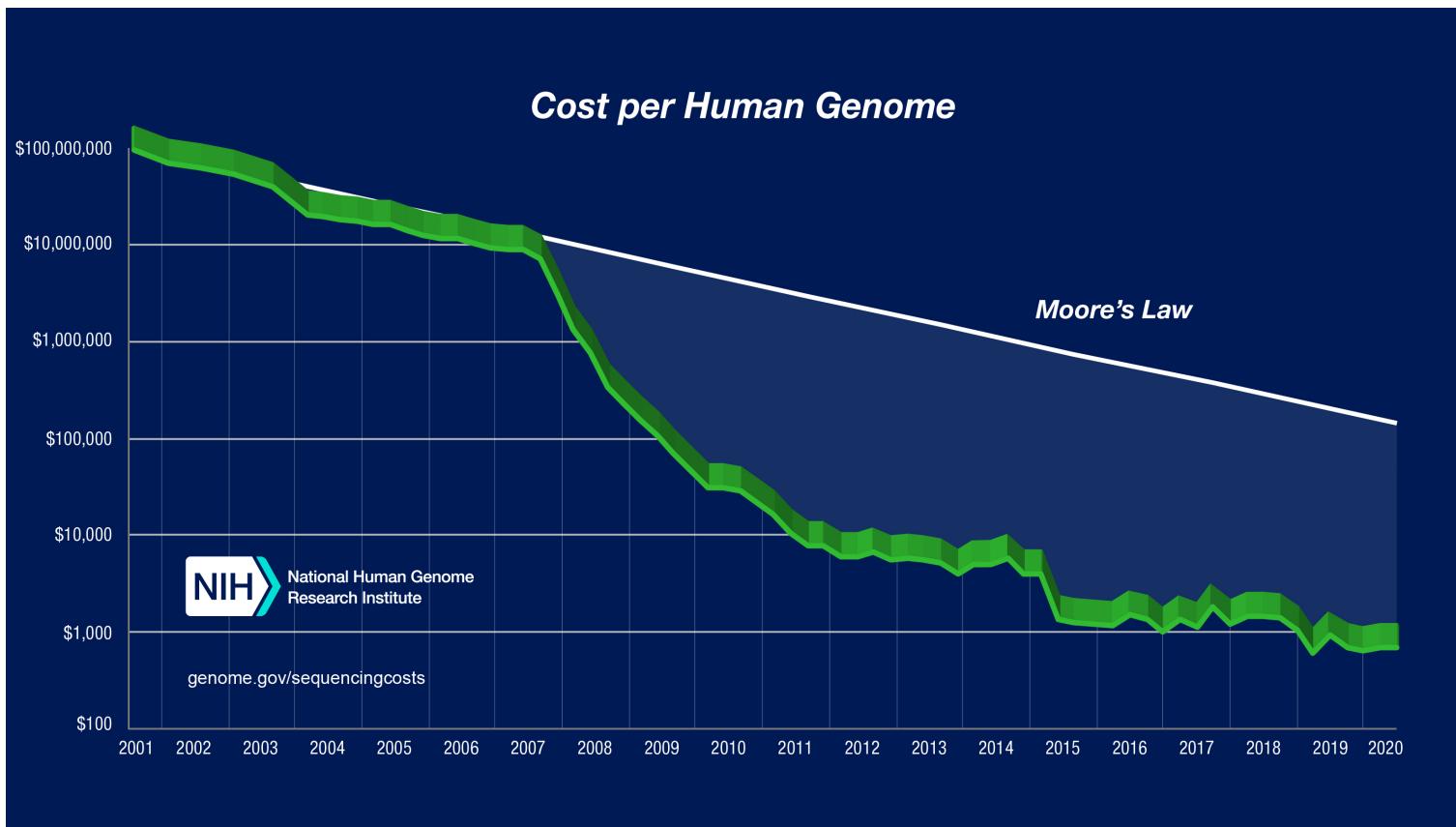
AI has beaten the world's best Chess, Jeopardy and Go champions and is already transforming many industries. AI's impact will be faster and deeper than many people realize

Internet Connectivity

4.2 billion connected people today. Expected to be 6.5 billion by 2025. Bandwidth improvements are also exponential with 5G expected to introduce speeds of 1-10 Gbps

Impact of exponential technologies

Changes like this (below) destroy established business models and create massive opportunities for new businesses



In 2001 it cost \$100 million to sequence a human genome.

15 years later that price has dropped to just \$1,000.

The cost reduction rate surpassed Moore's law which is already exponential in nature.

A business model based on \$10m sequencing costs became obsolete in 1 year as costs dropped 10x!

Unprecedented, accelerating change



- Exponential technologies are changing the pace of *everything*, including customer expectations
- It's not just one technology. There are multiple technology changes happening simultaneously and they often have a multiplying effect when combined.
- This results in a further acceleration of change and a deeper impact across business, society and institutions
- Rapid change like this creates both turmoil and opportunity

What do we do?

RESONANZ Lab
helps clients
**benefit from rapid
technology changes**

We understand how emerging
technologies such as **artificial
intelligence** can impact your
business

We help
clients
**capture
opportunities**

We create
**innovative
solutions** that
leverage
technology to
create new
sources of
value

Sometimes a
new idea
changes
everything





Finding that elusive idea

Think of RESONANZ Lab as an incubator or R&D extension that can be switched on whenever you need to explore emerging technologies.

We ideate, prototype and create solutions that allow you to seize opportunities in a changing landscape.



New ideas

RESONANZ Lab brings a fresh perspective and experience with the innovation process



More innovation

Explore the feasibility of multiple paths by prototyping and market testing the strongest ideas



Faster execution

Do more projects in parallel by scaling up resources only when needed



Quality

A Swiss approach to building solutions that are well designed and tested



No fixed costs

Extra R&D without the permanent costs

Innovation Process

Each step has a deliverable which frames and defines the next step



Our Services



Research and Ideation

Investigation, ideation and qualification of solutions to give your organization a compelling edge.



Consulting

We help customers to re-imagine processes and entire business models by leveraging technology in new ways.



Software Development

Our core capability. Everything from rapid prototyping and Minimal Viable Products (MVP) through to complete enterprise platforms

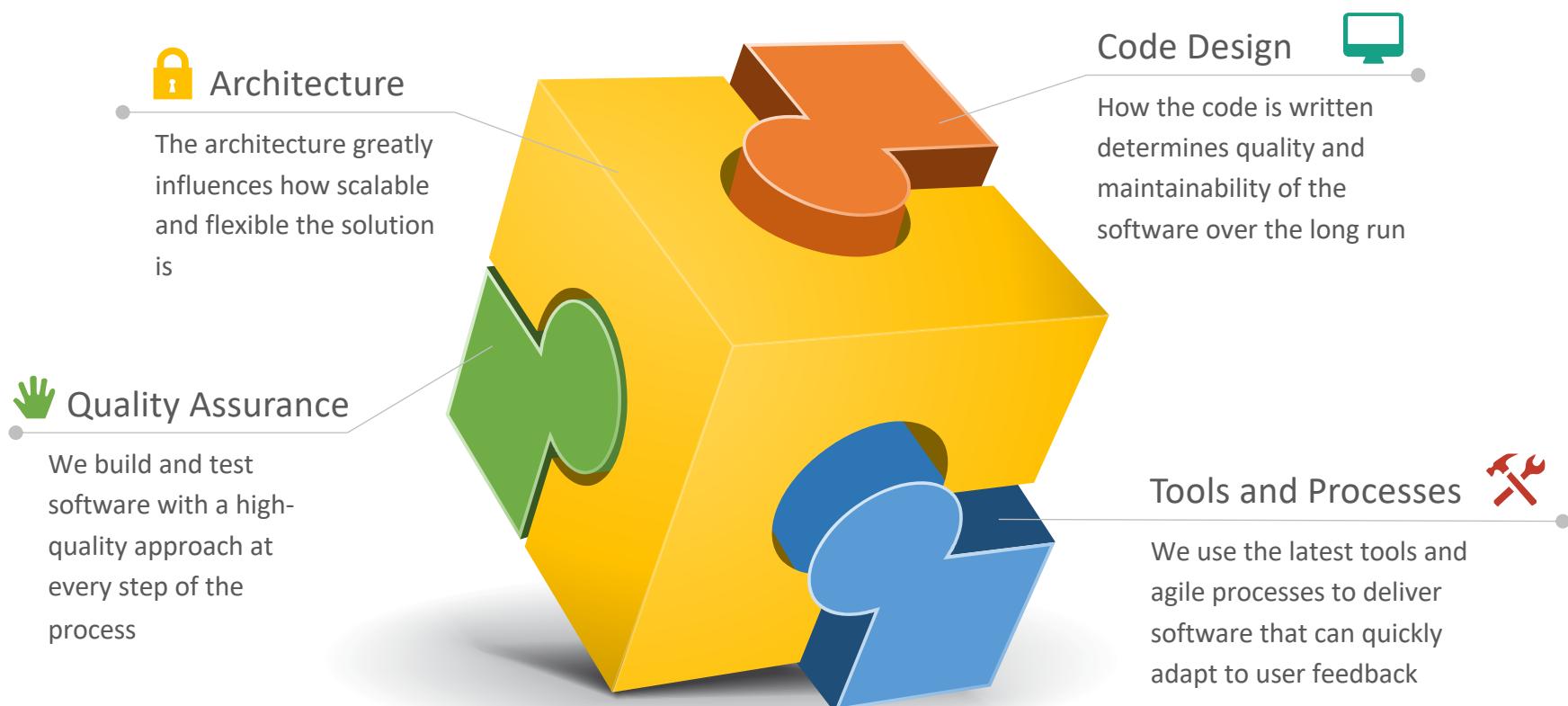


SaaS Operations

Commercial operational support for Software-as-a-Service (SaaS) platforms including hosting, maintenance and end-user support

Quality Software Development

The way it's built matters

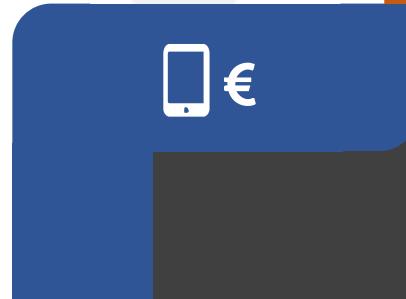
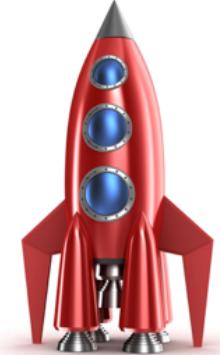


Putting The Pieces Together



Expand Your Innovation Pipeline

Explore multiple ideas and stay ahead



Go further
Launch more
Innovate faster

Case Study 1: Kilimo Salama

Award winning weather micro-insurance solution for farmers in Africa

Kilimo Salama uses mobile technology to provide weather insurance to smallholder farmers. Smallholder farmers were previously excluded from insurance due to the traditionally high costs of processing policies in rural areas. Innovative use of Mobile technology enabled a completely different business model to be used and opened up a new market while helping farmers to reduce their individual risks.



Watch video: <https://goo.gl/wJCsXd>



Watch video: <https://goo.gl/HAKKPL>

Case Study 1: Kilimo Salama

Award winning weather micro-insurance solution for farmers in Africa

Highlights

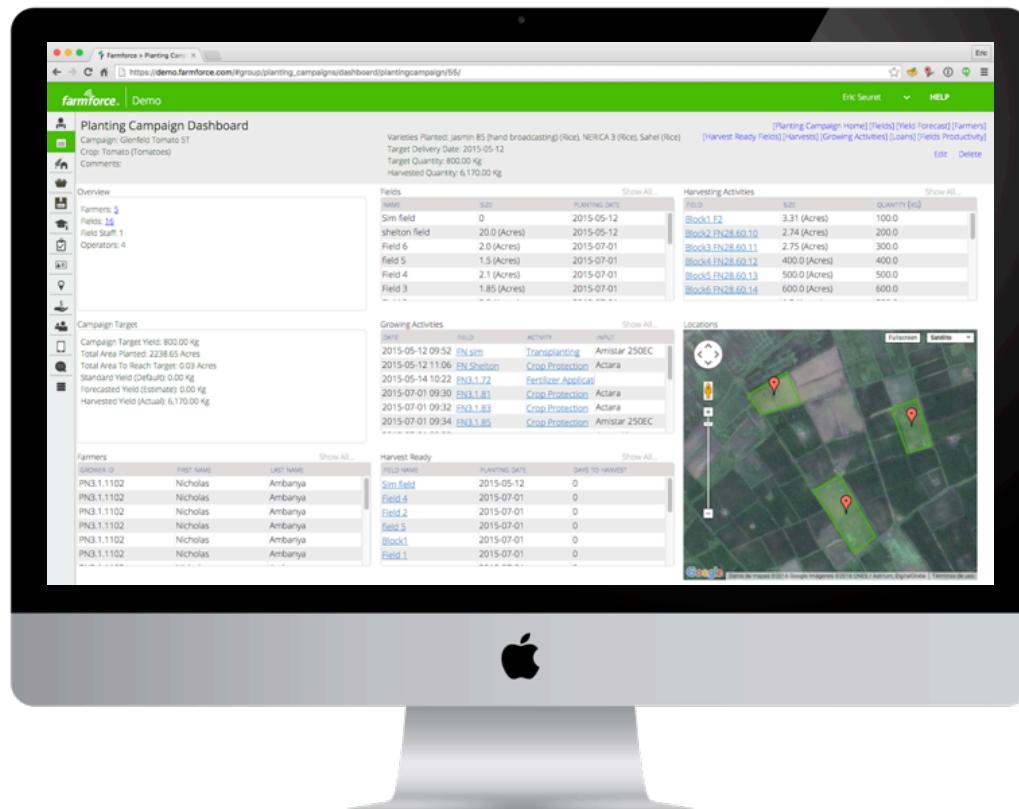
- Won the Financial Times award for *Technology in Sustainable Finance*
- Has become the largest micro-insurance scheme in Africa
- Co-created a patent on the technology and business model for our client
- Various articles and books have written about Kilimo Salama as an innovative example of how to solve the last-mile issues that often thwart micro-insurance programs



Case Study 2: Farmforce

Software-as-a-Service (SaaS) platform for farmers around the globe

Farmforce solves the problem of managing thousands of distributed farmers. It is used by companies running out-grower schemes, exporters, NGO's and farming cooperatives. Farmforce is able to work offline in rural areas with low bandwidth. The solution helps to ensure compliance with food safety standards while greatly reducing the costs of management and auditing.



Case Study 2: Farmforce

Software-as-a-Service (SaaS) platform for farmers around the globe

Highlights

- Increases transparency, traceability and compliance with food safety standards
- Helps smallholder farmers in developing countries gain access to formal markets
- Prevents loss by alerting farmers whenever actions threaten compliance
- Greatly reduces auditing time
- Platform available in 6 languages and is being used in 17 countries
- More info available at www.farmforce.com



Watch Video: <https://goo.gl/azSm5c>

Our Clients

We've been fortunate to work with some of the leading companies in Switzerland and around the world



What Our Customers Say

“ We have been working with RESONANZ Lab for many years and they have proven to be a highly innovative, professional and dependable partner ”

Dr. Marco Ferroni
Executive Director – SFSA

“ OneAcre has discovered a uniquely talented innovation partner in RESONANZ Lab. Their approach and professional service is delivering to us a world class service-which has given us a national competitive edge and stretched forward our vision by opening up a new world of possibilities. ”

Herbert Mudzamba
Founder / Director, OneAcre Zimbabwe

“ RESONANZ Lab have a unique ability to spot emerging trends, propose exciting ideas and then execute flawlessly ”

Michael Robinson
Chief Science Advisor – SFSA

Management



ERIC SEURET

Founder / CEO

ANDRES MEYER

CTO

Designs creative solutions
around technology,
emerging trends and
business model innovation

B.Eng, E.MBA (INSEAD)
PMP, CISSP

Architects scalable, flexible,
cutting-edge solutions that
can adapt to evolving
business needs

Dipl. Ing. Sys. Com. EPFL

Our Company



RESONANZ
Group



RESONANZ
Lab

RESONANZ Group is a Swiss based software company that has been providing innovative and award-winning solutions for over 20 years. Founded in Zurich in 1997, the company believes in making a positive impact through the use of technology, design and sustainable business models.

We have an innovative spirit and act like a start-up whenever developing solutions for our company or clients. Our extensive experience in creating robust software for challenging rural environments allows us to build leading solutions like QuickTrials, Farmforce and Kilimo Salama.



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Ready to launch something new?



Thank you!