

the world's one and only electric cylinder



cyltronic
flexible in motion

Jeremias Wehrli, CEO

+41 77 404 36 64

j.wehrli@cyltronic.ch

www.cyltronic.ch

Cyltronic AG

Technoparkstrasse 2

8406 Winterthur

Patent
filed

Innosuisse
coached

100%
founder
owned

20b
USD
market

13%
market
growth

500 tCHF
funding
searched

30m
USD
revenue 2025

challenge of the industry

Pneumatic cylinders are installed in almost every machine. This means that over 2 million cylinders are in use on the Swiss market alone.

1'000 USD

energy costs per year
for a single pneumatic
cylinder

huge 1.5%

of total Swiss electricity
consumption used for
pneumatics

bad

efficiency of
pneumatic
cylinder (<10%)

no

possibility to move to
free positions

huge

installation effort
engineering effort
warehouse costs

No electrical one-to-one-replacement to pneumatic cylinder available

existing electric
cylinders are:

- too complicate
- too expensive
- too big

the solution: cyltronic electric cylinder

An industry *without pneumatics* and only *efficient* machines.

- Vision Cyltronic AG



World's one and only
electric cylinder for direct
replacement of standard
pneumatic cylinders

patent
applied

value for our customers



less energy costs through higher efficiency

no contamination through the absence of compressed air

more flexibility through positioning drive

less maintenance effort through fewer components

less installation effort through simple plug & play functions

95%

energy saving
compare to
pneumatics

10 x speed

compared to other
electric cylinders
(650mm/s)

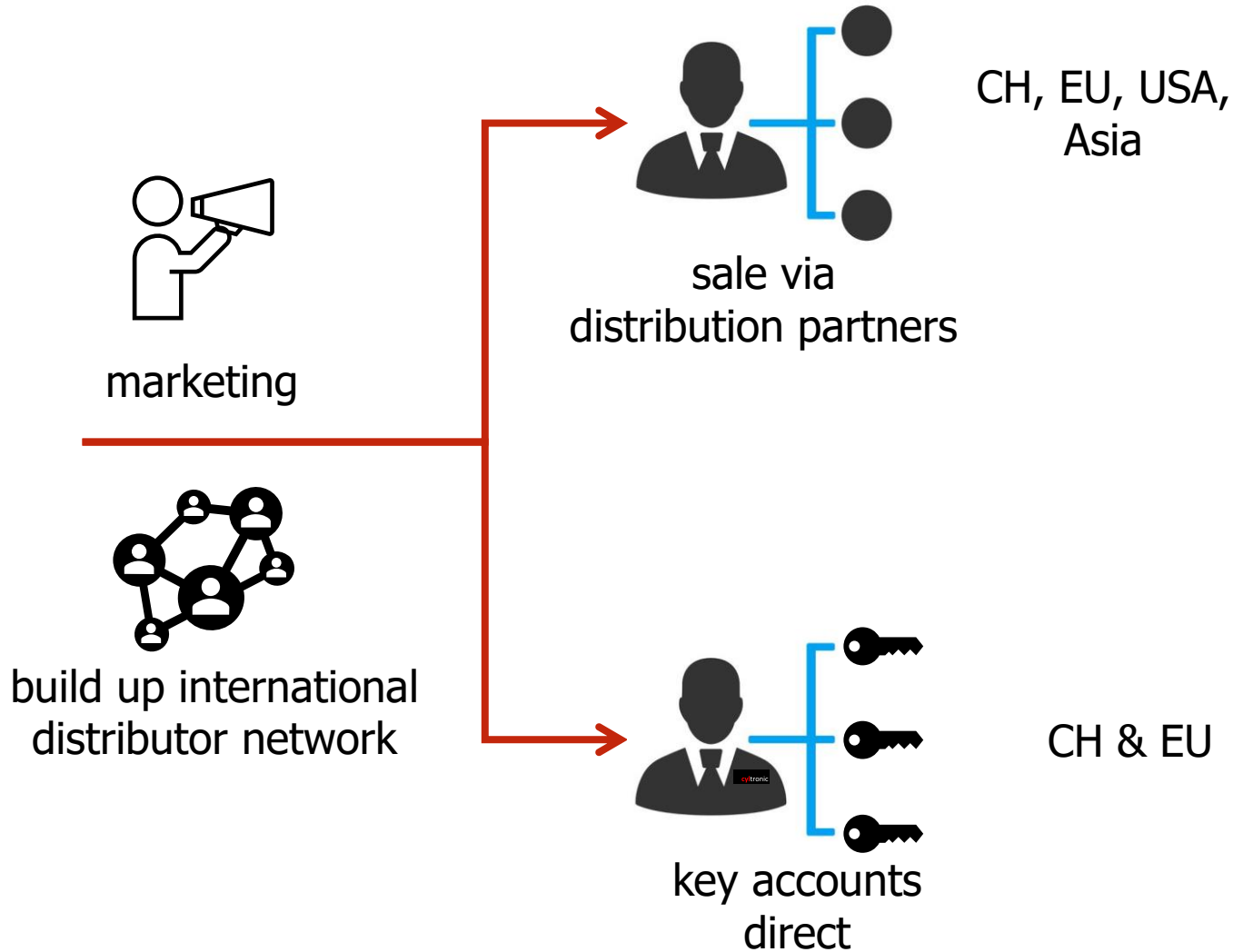
long

service life
(>10'000km)

quick

installation
(below 10min)

how we reach the customer



- **machine manufacturer**
- **end users of machines** like producers of everyday goods, food, medicine, etc.

MIGROS

STIHL

Nestlé

BUHLER

Ermi

cyltronics advantages compared to other players

	costs	complexity	size	service life	speed	1:1 replacement possibility
SMC	★★★☆☆	★★★☆☆	★★☆☆☆	★★☆☆☆	★★☆☆☆	★★☆☆☆
iai Automation	★★★☆☆	★★☆☆☆	★★★☆☆	★★★★★	★★★☆☆	★★★☆☆
FESTO	★★★☆☆	★★★★★	★★★☆☆	★★★★★	★★★☆☆	★★★☆☆
Linak	★★★★★	★★★☆☆	★★★☆☆	★★☆☆☆	★★★☆☆	★★★☆☆
LinMot	★★☆☆☆	☆☆☆☆☆	★★☆☆☆	★★★★★	★★★★★	★★☆☆☆
Phoenix Mecano	★★★☆☆	★★★☆☆	★★★☆☆	★★☆☆☆	★★☆☆☆	★★☆☆☆
cyltronic	★★★☆☆	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

★★★ = best in class

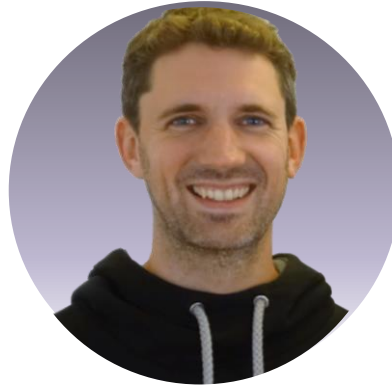
we lead cyltronic to success



Jeremias Wehrli

CEO, Founder
BSc in mech. Eng., MBA

- management of the company
- business development
- finance



Daniel Baumann

CTO, Co-Founder
BSc in electrical Eng.

- electrical engineering
- software engineering



Ancilla Schmidhauser

Owner & MD
Impact Consulting
Executive Master MSc

- communication
- coach Runway



Marco Guggisberg

Mechanical Engineer
BSc in mech. Eng.

- mechanical engineering
- purchasing



Andreas Kaltenbach

CSO
Master of Environmental
Engineering and
Management

- sales
- marketing



Christian Brand

Partner and COO at
DAC System

- general support
- coach Innosuisse

huge potential for cyltronic in this huge market

20b\$

worldwide turnover
pneumatics

Source: Festo, SMC

2.5b\$

DACH turnover
pneumatics

*Source: ke-next.de
gop-verband.ch*

218m\$

CH turnover
pneumatics

Source: gop-verband.ch

13%

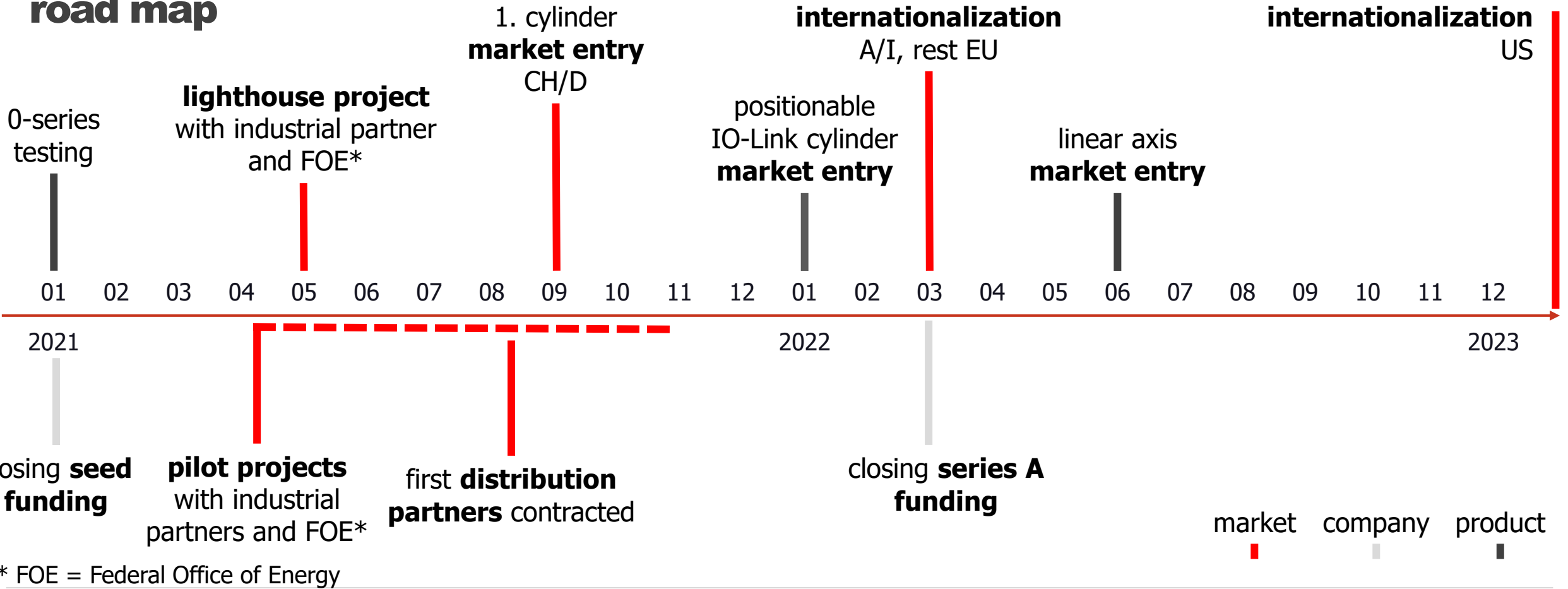
market growth of
high-performance
electric cylinder per year

Source: ke-next.ch

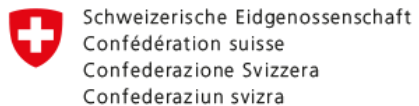
financial forecast

	2021	2022	2023	2024	2025
net profit (t\$)	-489	-512	-300	1'700	7'420
revenue (t\$)	99	1'148	3'713	12'070	30'800

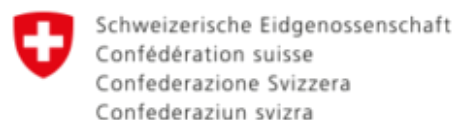
road map



audited and sponsored by



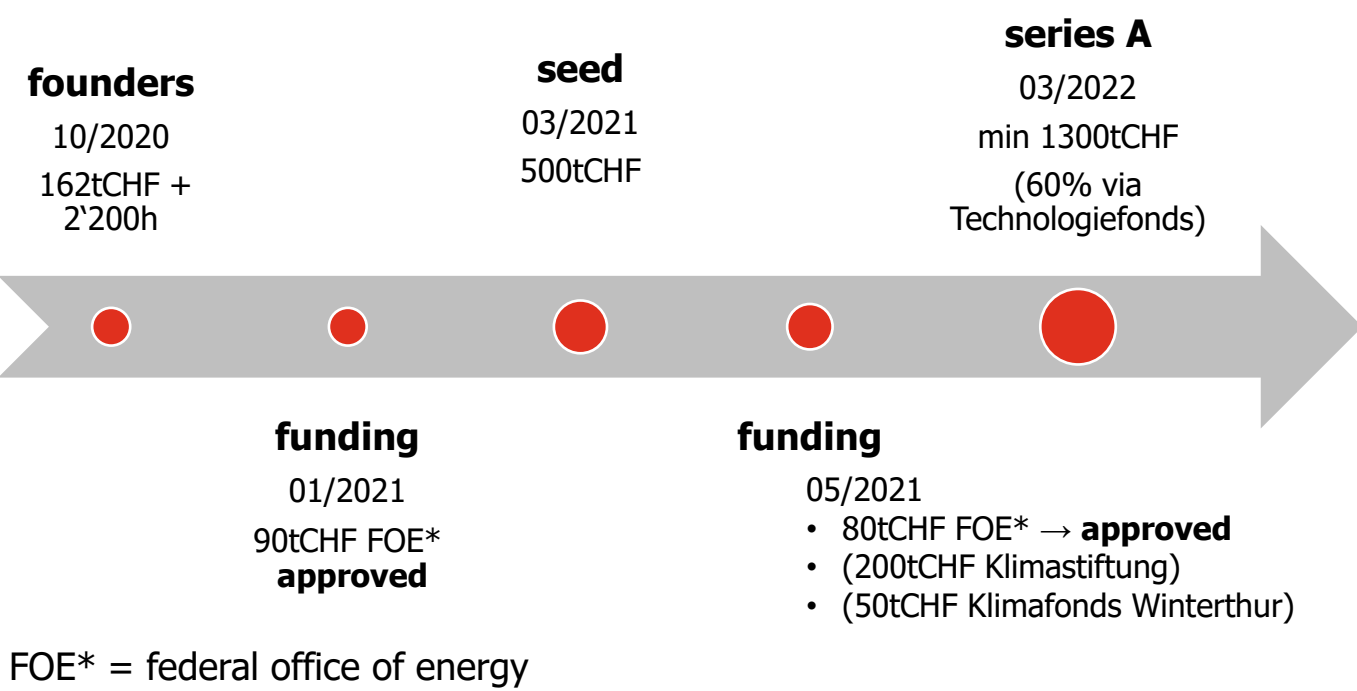
Innosuisse – Schweizerische Agentur für Innovationsförderung



Bundesamt für Energie BFE







we are looking for 500 tCHF



100%
founder owned

no
debts

use of seed funds

-  finish testing and improvement of first electric cylinder 10%
-  finance lighthouse project (pilot series of cyltronic cylinders at a well-known industry partner) 20%
-  market entry with electric cylinder (in CH and D) 50%
-  R&D of positionable cylinder with IO-Link (communication interface) 20%



**Please get in touch. We
are looking forward to
hear from you.**

Thank you

cyltronic
flexible in motion

Jeremias Wehrli, CEO

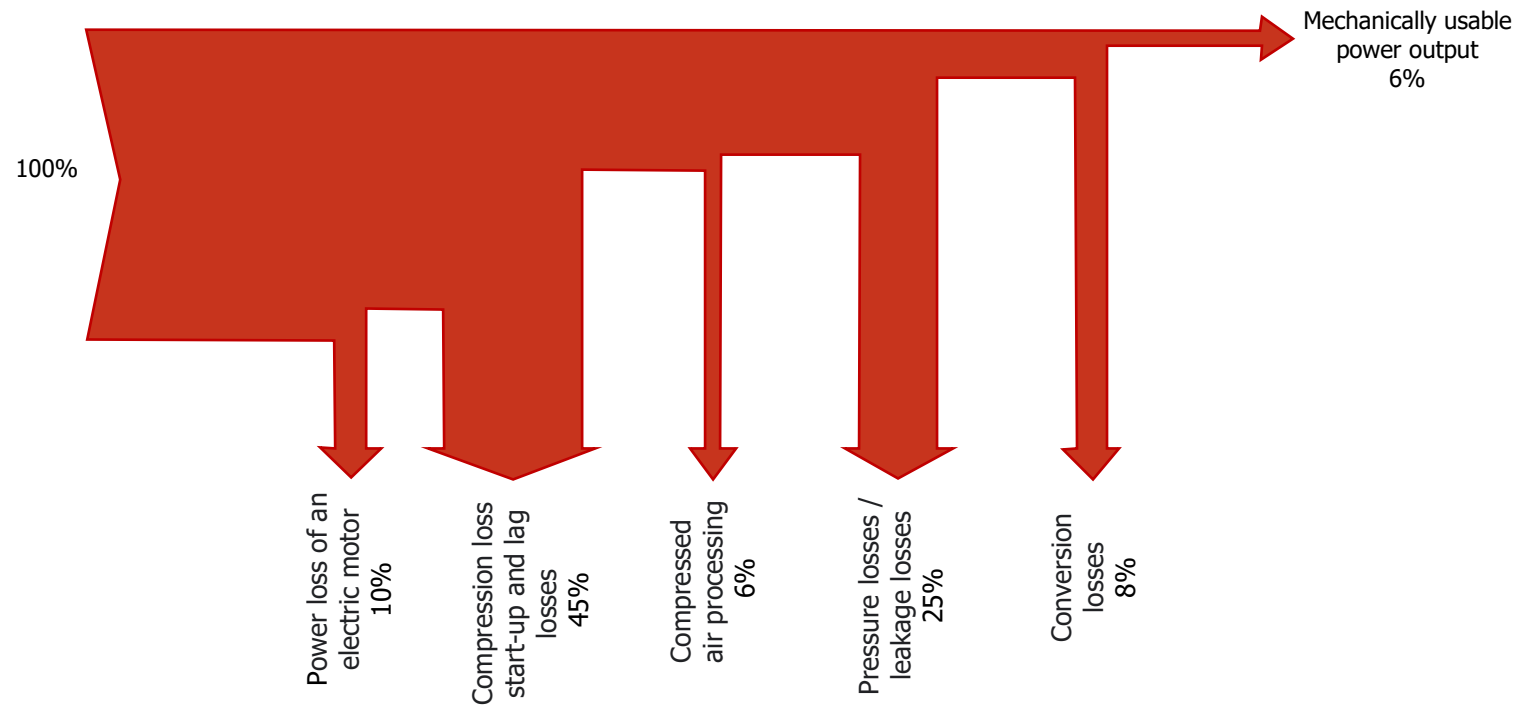
+41 77 404 36 64

j.wehrli@cyltronic.ch

www.cyltronic.ch

Cyltronic AG
Technoparkstrasse 2
8406 Winterthur

Energy loss compressed air system



Energy losses in a compressed air system

Source: Brechten, Ritz; 2006; Replacement of pneumatic and hydraulic drives by electric drives - potential analysis; Page.16