MINISTRY OF FOREIGN AFFAIRS
OF DENMARK
Innovation Centre Denmark Tel Aviv

ISRAEL

AI POWERHOUSE

INNOVATION CENTRE DENMARK TEL AVIV

ABOUT MYSELF
SAMUEL SCHEER

- 3x Start-up Founder: 30 staff
- 10+ years high tech work experience in Silicon Valley, Switzerland, Israel
- B.A. & M.A. Business Management
- Graduate of Singularity University
- In charge of deep-tech accelerators at:

INNOVATION CENTRE DENMARK

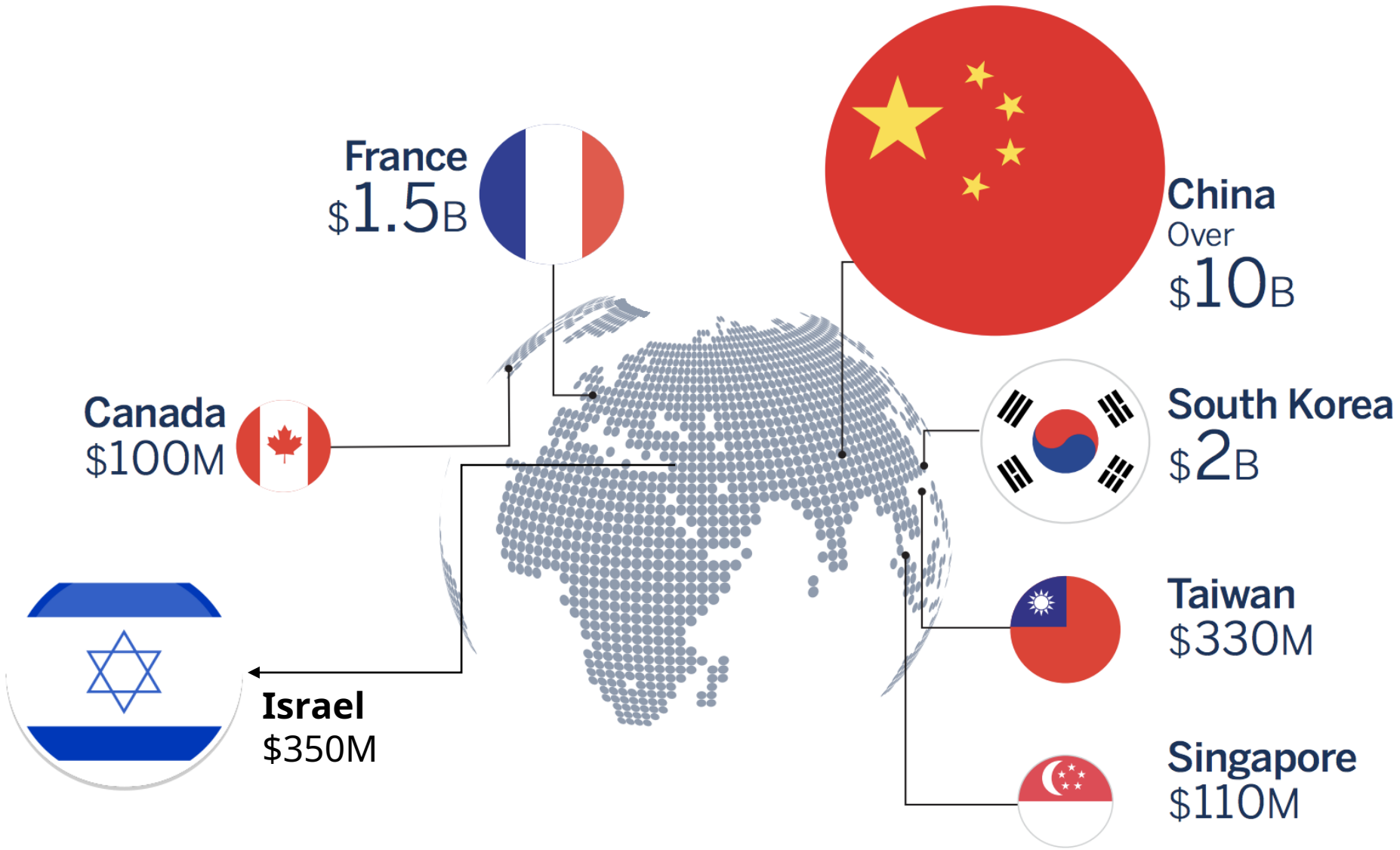
ETH

HWZ
Die Hochschule für Wirtschaft in Zürich

COVID-19 EFFECTS ON ISRAELI POLITICS & ECONOMY

- Today: 2’900 new cases mostly in certain areas
- COVID-19: approx. 1’600 new cases/day in past 2 months
- Education: school started this week physically - severly challenged to deal with sudden move to digital
- Economy: high tech stable – general economy way down
- Unemployment: come down after all time high, still approx. 20%
- Political situation: unstable, currently no budget
- Travel: now possible from green countries (incl. Denmark) but only for Israelis or pre-approved foreigners – no real opening foreseeable yet

Global competition over leadership in AI is increasing, and governments are making massive investments



ISRAEL IS LEADING THE WAY IN ARTIFICIAL INTELLIGENCE

> 1'000 AI STARTUPS

> DKK 10.5 BILLION RAISED IN 2018,

BILLION DKK ANNUAL EXPORTS

> 2.5 BIO. DKK GVMT INVESTMENT

WORLD LEADING AI ACADEMIC RESEARCH

PRODUCTS USED WORLDWIDE BY ALL FORTUNE 100

4'000 AI PROFESSIONALS

>15 MULTINATIONALS OPERATING AI CENTERS

COMPARISON NORDICS & ISRAEL IN AI ECOSYSTEM

	ISRAEL	NORDICS
Start-ups	➢ 1'000, mostly B2B, working internationally	60-80/country, early stage
Investments	> 10 bio. USD since 2012, remain bullish	Tens of millions invested, not as specialized, hesitant
Corporates	Few internationally competitive, start-up corporates emerging	High number of internationally competitive in traditional domains
Academia	Research & Technology transfer world leading	Research world leading, technology transfer not
Incubators/ Accelerators	Established over many years	Emerging

ISRAELI CIVILIAN AI STRENGTHS

Recommendation Systems
mathematical models helping to predict and recommend user preferences.

Outbrain Raised 144 $M

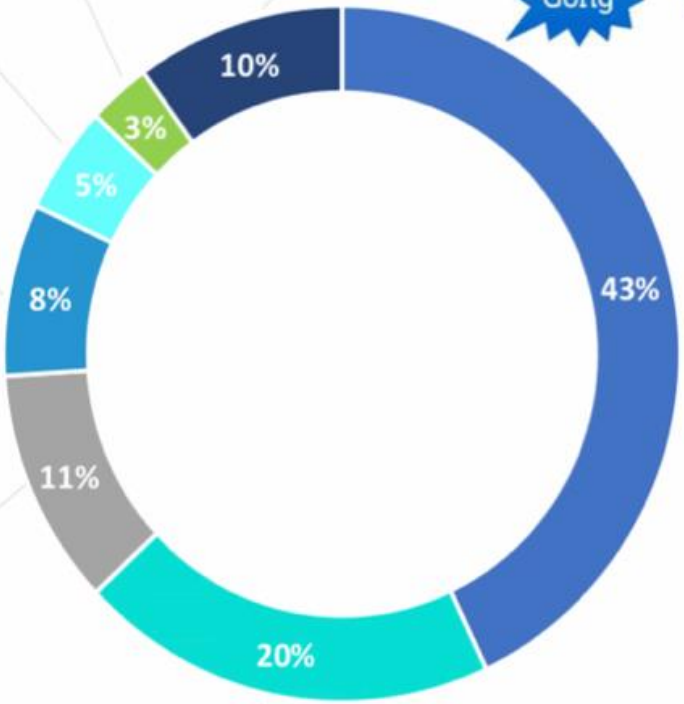
Unspecified Technology
companies which didn't specify the AI or Machine Learning technology used in their product.

Sound Recognition & Analysis
models that analyse and process sounds, for applications such as voice assistants.

Gong Raised 26 $M

Text Analytics & NLP
models that help recognize and analyse the content and context of speech and text.

Twiggle Raised $35 m



Data Science & Analysis
statistical models for data mining and analysis.

Gett Raised $597 m

Chatbots, Robotics & Assistants
technology based on computer imitating human interface and mobility.

Lemonade Raised 180 $M

Computer Vision
methods of acquiring, processing and analyzing digital images, and extraction of high-dimensional data.

Acquired for 15.3 $B

Source: IVC Research Center

CASE STUDY: CHEQ

- **Industry:** Marketing
- **Solution to date**: Keyword approach – blocking lists
- **Problem**: leaves out potential reach, doesn't work for niche audience word use
- **New solution**: Using AI & NLP to **understand** page content, then decide if to serve ad
- Company currently:
  - USD 5 mio. Venture backing
  - 50 employees
  - **Expanding globally**

CASE STUDY: MOBILEYE

- **Industry:** Automotive
- **Solution at date of invention**: none commercially available
- **Problem**: smart driver assistance takes massive data storage & processing, not available in car
- **New solution**: Using AI & NLP to analyse & build mathematical models for millions of hours of driving, then compress
- Company currently:
  - USD 15 bio. Exit
  - 1’200 employees
  - **Expanding globally**

DANISH BUSINESS COMMUNITY IS INCREASING ACTIVITIES IN ISRAELI AI

TECHNOLOGY SCOUTING & PARTNER-SHIPS

AI DEEP DIVE WITH

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READ THE FULL AI REPORT

Link here or type https://israel.um.dk/en/innovation-centre/articles-and-publications/