



## Markets and applications



### Current markets and applications:

- > Home & industrial safety and security
- > Motion, Presence detection, Curtain sensor, proximity sensing
- > **GMOS gas sensor for fruit freshness monitoring and food waste reduction**



### Future markets and applications:

- > Markets: home, industrial, Air quality, wellness Optical
- > (NDIR) Gas sensing
- > Chemical gas sensing (Ethanol, Acetone)
- > Small thermal imagers
- > IOT for Smart homes
- > IVMS (In-vehicle monitoring)
- > Automotive thermal imagers
- > Night vision thermal imagers



### Funding rounds:

#### **2012 Seed, 2M\$:**

Shmuel Melman, private European investors (security markets leaders), Pre Money Valuation 8M\$

#### **2018-2019 Round A1-A2, 3.4M\$:**

Flow Jordan investment firm, Technion investment fund, PMV 13.5M\$, 23.5M\$

#### **2021 (current) Round B:**

5M\$, PMV - TBD.

## Technology advantages:



### Sensitivity

Detection level at very low concentration



### Selectivity

Can detect separate gases



### Reliability

High immunity to false alarms



### Lower cost

Standard FABs & mature CMOS technology



### Calibration time

Short, no need to re-calibrate



### Low power consumption

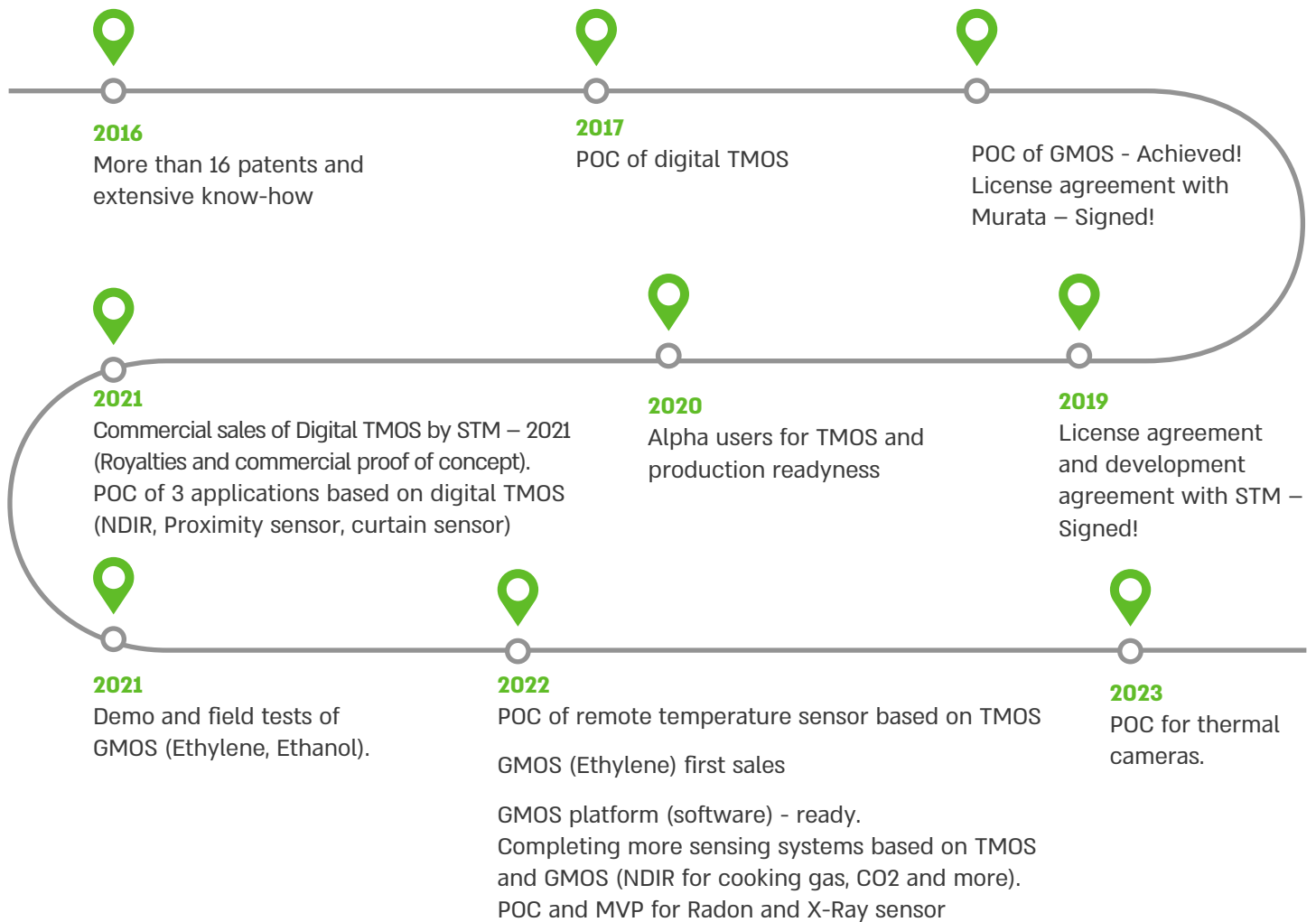
Lower power operation at subthreshold (battery time)



### Compatibility

Compatible with mobile applications, IoT, automotive industry, etc.

## COMPANY PROGRESS



### TEAM



**Prof. Emeritus Yael Nemirovsky**  
Founder, Board member & Chief Scientist



**Yossi Levi**  
CEO



**Shmuel Melman**  
Founder, Chairman of the Board

### ADVISORY BOARD



**Prof. Dan Shechtman**  
Advisory board member chemistry Nobel prize winner, discovered the icosahedral phase, which opened the new field of quasiperiodic crystals.



**Prof. Amikam Nemirovsky**  
System and Noise Analysis specialist, Ex Senior Scientist in Rafael (Israel Defense Industry),

### PARTNERS

