Experienced
Leader in water measurement for over 80 years

Focused
High-end, full scale solution provider

Global
Products sold in more than 60 countries, 5 operation bases

Innovative
6% of all revenues reinvested in R&D

ARAD GROUP WORLDWIDE

INTERNATIONAL MARKETS (ROW)
Working in over 60 countries on 5 continents and through exclusive distributors in each country

ARAD
Over 80 years of high quality water metering solutions

ARAD TECHNOLOGIES
Leading the development of sophisticated AMI systems and IoT solutions

MASTER METER
A Leading AMI solutions provider to the North American market

WATERTECH
A proven Italian marketplace leader

CONTAZARA
A proven Spanish marketplace leader

CICASA
Mexico's leading water meter manufacturer and developer

ARAD CHINA
High-end product to the Chinese market

R&D   Marketing & Support   Manufacturing Facility   IoT

ARADGROUP
Integrated Metering Technologies

CONTINUOUS INNOVATION

Octave
Ultrasonic Water Meters
Ultrasonic Bulk
Water Meter
2009

City Mind
MDM - Control
Software
2012

sonata
Ultrasonic Residential Water Meter
Ultrasonic
Technology
2016

ARAD LR9
LoRa solution
in Israel
2021

2004
Dialog3G
The 1st Integrative
AMR System

2010
Gladiator
Polymer
Volumetric Meter

2015
allegro harmony
Full 2-Way
AMI & MDM

2019
IoT
LoRa NB-IoT
Cat-M

2022
harmony
New Gen - MDM
software

ARAD GROUP
Integrated Metering Technologies

WATER AND THE GLOBAL CLIMATE CRISIS

1 Extreme weather events and changes in water cycle patterns are making it more difficult to access safe drinking water, especially for the most vulnerable children.

2 Around 74% of natural disasters between 2001 and 2018 were water-related, including droughts and floods. The frequency and intensity of such events are only expected to increase with climate change.

3 By 2040, almost 1 in 4 children will live in areas of extremely high water stress.

4 Rising sea levels are causing fresh water to become salty, compromising the water resources millions of people rely on.

unicef

shorturl.at/kIP46

ARAD GROUP
Integrated Metering Technologies

WATER METER EXPANSION FUELED BY

Water shortage

Increased demand

Severe droughts throughout the world

International regulations requiring water metering devices to be installed as standard

Water breaches and leaks

Significant worldwide water price increase

NRW (Non revenue water) estimated to 16 Billion $ a year

ARAD GROUP - FULL SCALE SOLUTION PROVIDER

Water Metering and Management Systems

> Develop

> Design

> Manufacture

> Sales & Support

> Smart Meters

> AMI Infrastructure

> IoT Compatible

> Consumer Applications

> MDM & Analytics

ARAD GROUP
Integrated Metering Technologies

TECHNOLOGY LEADERSHIP

IoT Compatible

Water Meters

octave

Revolutionary, precise and super reliable ultrasonic bulk water meter for utilities

sonata

Highly precise ultrasonic residential water meter

ARAD GROUP
Integrated Metering Technologies

TECHNOLOGY LEADERSHIP

IoT Compatible

AMI Solutions

allegro™   **2-way AMI Fixed Network**

LoRa™   NB-IoT™   LTE-M

OMS®

Dialog3G   **AMR for Drive By**

ARADGROUP
Integrated Metering Technologies

TECHNOLOGY LEADERSHIP

IoT Compatible

MDM & Analytics

harmony® encore™

- Varied collection of reports and statistical analyses
- Real-time location specific alerts on breaches, leaks and suspected theft
- Seamless interface with automated software systems

ARAD GROUP
Integrated Metering Technologies

TECHNOLOGY LEADERSHIP

IoT Compatible

Consumer Applications

Read Your Meter Pro*

Extensive real-time information of personal water consumption:

- Web application
- Smartphone app

*Available in Israel and USA

ARAD GROUP
Integrated Metering Technologies

THE NORTH AMERICAN MARKET

MASTER METER®

ONE OF THE
TOP 4
WATER METER
Manufacturers
in the USA

10%
US
Market share

ARAD GROUP
Integrated Metering Technologies

THE NORTH AMERICAN MARKET

- Master Meter is based in Texas
- A skilled team of 150 employees
- Local production, customer support, quality, administration and sales
- Extensive distribution network over 40 states
- Technological leadership with premium products
- Strong and well-known brand names in the market: Allegro, Harmony, Octave

THE ISRAELI MARKET

ARAD
Water Measuring Technologies

THE LEADING
WATER METER
Provider in Israel

OVER
1.4 MILLION
AMI METERS

PROMOTING
ADDITIONAL OFFERINGS
to water utilities through
IoT technologies
ARAD LR9

ARAD GROUP
Integrated Metering Technologies

ARAD
Water Measuring Technologies

- Leader of AMI installation in Israel with significant market share

- Over 1.4 Million Arad AMI meters installed

- R&D center with more than 100 engineers developing state-of-the-art IoT technology for Arad group (LoRa, NB-IoT, Software solutions)

- LR9 AMI system, based on LoRa technology, developed to answer the utility's needs

TOP 15 CUSTOMERS

מי אביבים

מי נתניה   מי-נעם   מי רמת גן

מי אביבים
שירות ללא הפסקה

מעיינות המשולש   מי ציונה   מניב ראשון

הבאר השלישית   מי מודיעין   מי שמש

מי הרצליה   מי כרמל   מי התנור   מעיינות העמקים

סובב שפרעם   מי אונו   מיתב   מפעל מים כפר סבא

ARAD GROUP
Integrated Metering Technologies
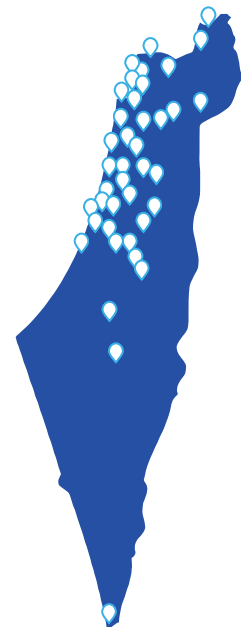
THE EUROPEAN MARKET

- Currently focusing on Spain and Italy - Contazara in Spain, Watertech in Italy
- A significant trend to smart metering and digitalization
- Technology leadership – NB-IoT & LoRa solutions, customized for customers
- Partnership with Telefonica and Vodafone as operators for IoT
- Scaling opportunities with Smart Gas metering

Italy – Major customers

- Milano
- Torino
- Bologna
- Padova
- Bergamo
- Genova
- Venezia
- Palermo
- Bari
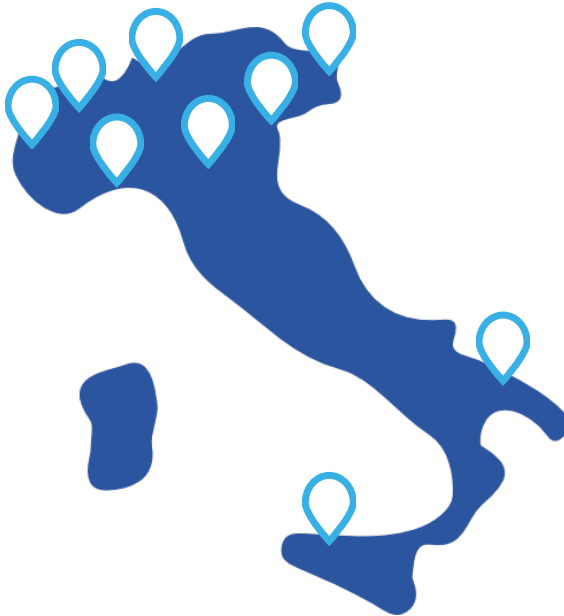
Spain – Major customers

- Madrid
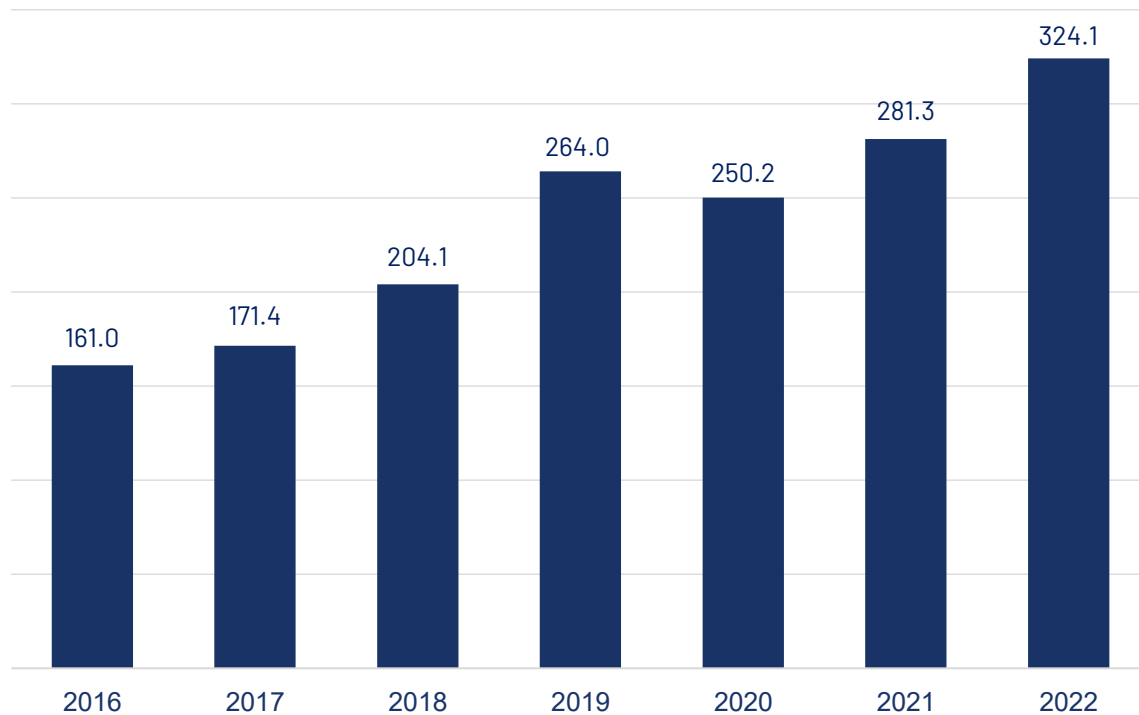- Barcelona
- Valencia
- Sevilla
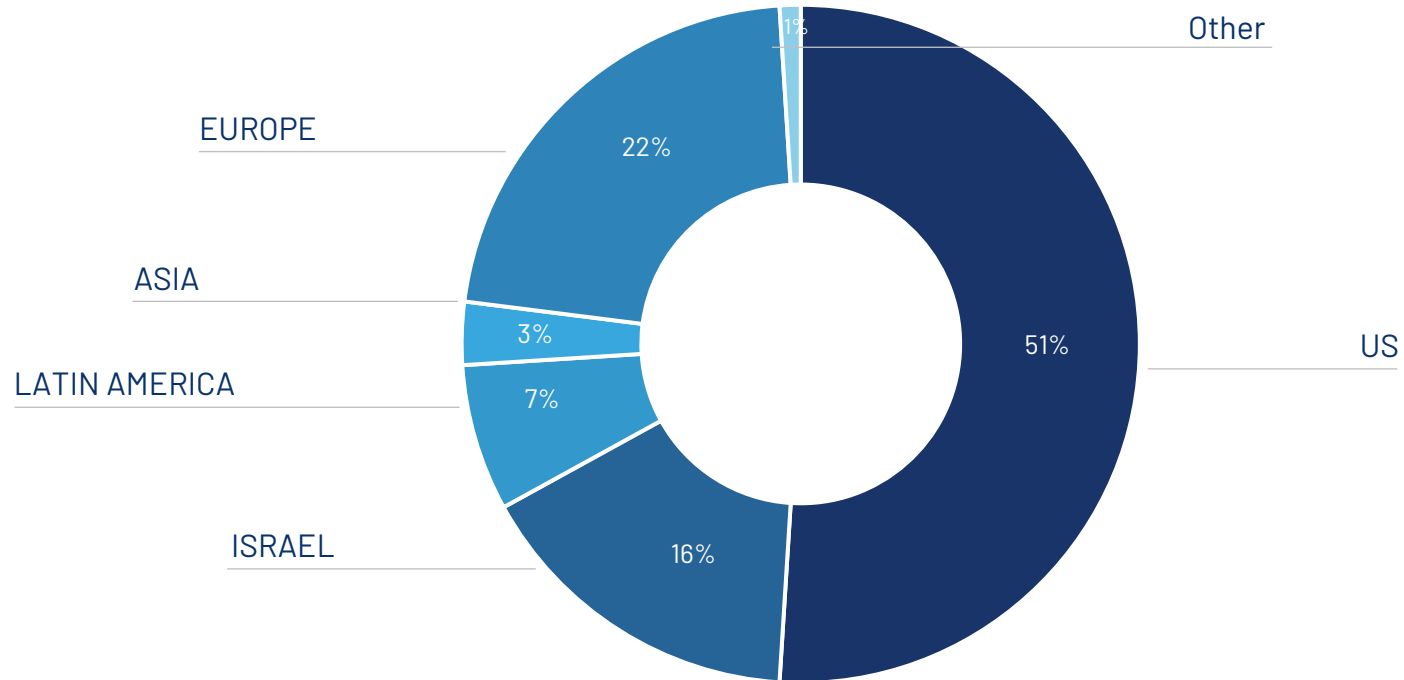- Palma

ARAD GROUP STRATEGY AND DIRECTIONS

- ○ Focusing on AMI driven markets

- ○ Focusing on technology leadership

- ○ Focusing on high profitability territories
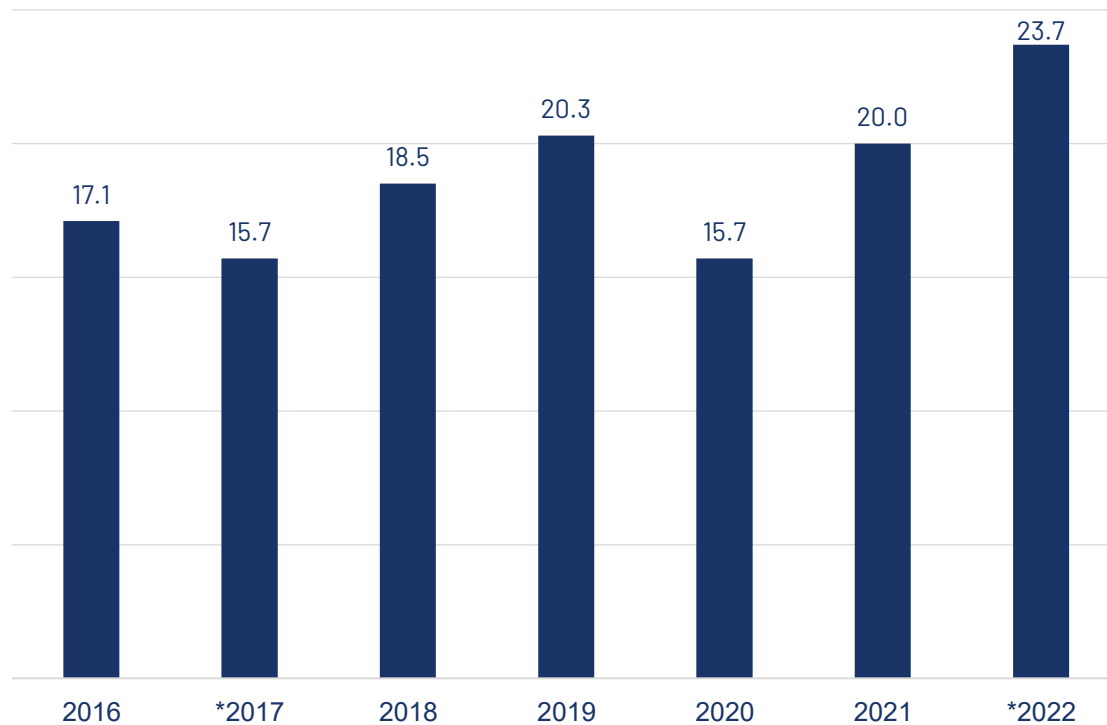
- ○ M&A as additional growing engine

ARAD GROUP
Integrated Metering Technologies

FINANCIAL DATA

SALES (M$)

Year	Sales
2016	161.0
2017	171.4
2018	204.1
2019	264.0
2020	250.2
2021	281.3
2022	324.1

SALES BY REGIONS - 2022

NET PROFIT (M$)

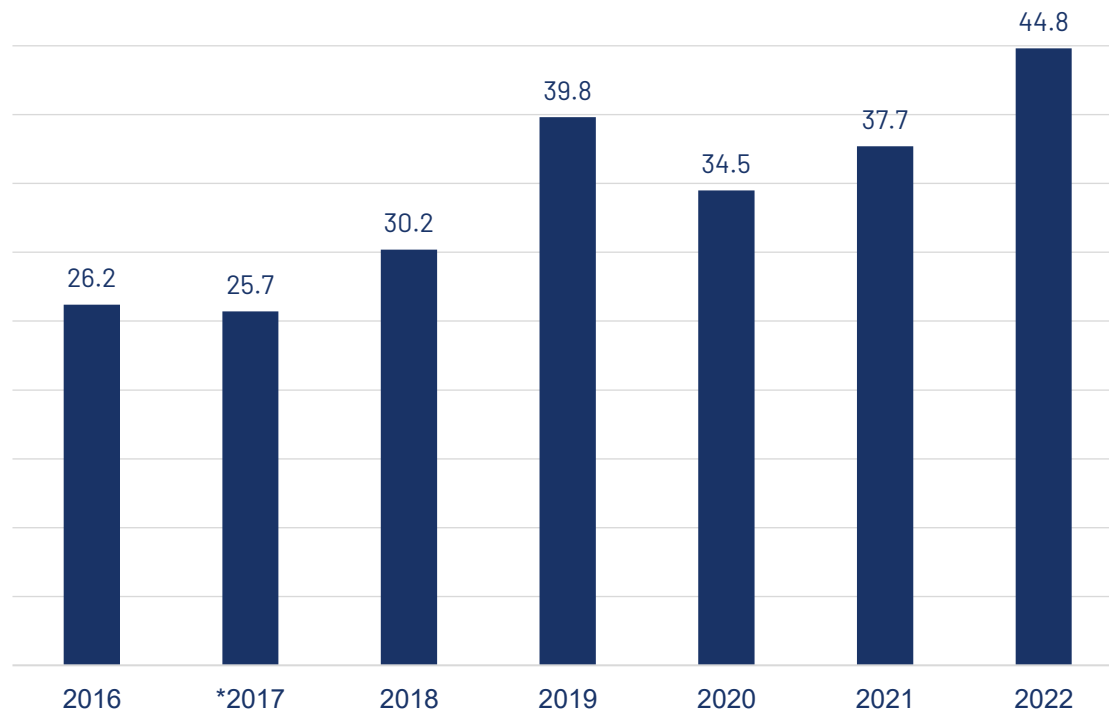| Year	Net Profit
2016	17.1
*2017	15.7
2018	18.5
2019	20.3
2020	15.7
2021	20.0
*2022	23.7

*   Year 2017 Adjusted Net Profit eliminating the 8.5 M$, one-time event.
** Year 2022 Adjusted Net Profit eliminating 6.3 M$, one-time Tax expense.

EBITDA (M$)

Year	EBITDA (M$)
2016	26.2
*2017	25.7
2018	30.2
2019	39.8
2020	34.5
2021	37.7
2022	44.8

* Year 2017 Adjusted Net Profit eliminating the 8.5 M$, one-time event.

DIVIDEND DISTRIBUTION (M$)
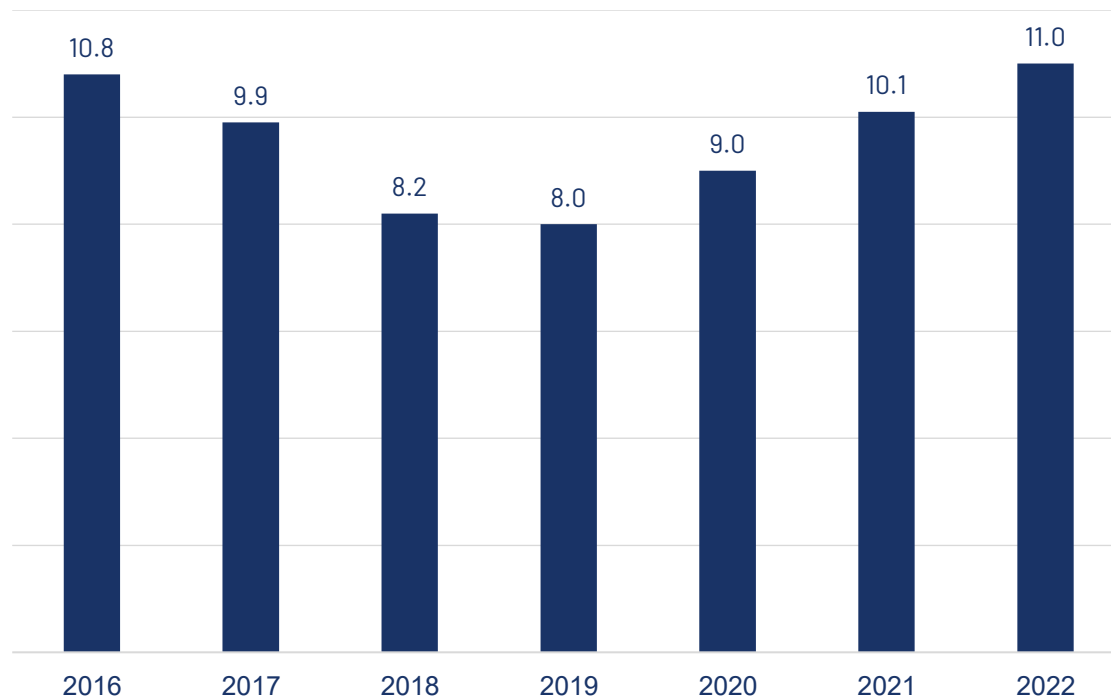
DISCLAIMER

○ This presentation is made strictly for information purposes only and does not constitute or form an offer or a recommendation to make any transaction with regards to Arad Group securities.

○ This presentation includes statements, data and Arad Group's plans that are "forward-looking statements", as defined in the Securities Law – 1968. Forward-looking information is uncertain and mostly is not under Arad Group's control and the realization or non-realization of forward-looking information will be affected, among other things, by the risk factors characterizing Arad Group's activity, as well as developments in the general environment and external factors affecting Arad Group's activity. Arad Group's results and achievements in the future may differ materially from those presented in this presentation and Arad Group makes no undertaking to update or revise such projections or estimates and does not undertake to update this presentation.

○ This presentation must be read together with Arad Group's periodic and immediate reports published to the public through the MAGNA, and is not meant to replace such reports.

○ The information in this presentation should not be relied upon as any representation or warranty, express or implied of Arad Group. No reliance should be placed on the accuracy, completeness or correctness of the information contained in this presentation.

ARAD GROUP
Integrated Metering Technologies