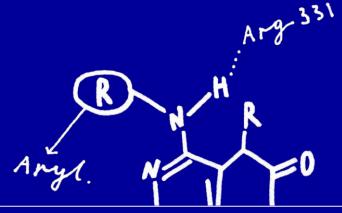


# Evotec – Leading external innovation





# Forward-looking statement

Information set forth in this presentation contains forward-looking statements, which involve a number of risks and uncertainties. The forward-looking statements contained herein represent the judgement of Evotec as of the date of this presentation. Such forward-looking statements are neither promises nor guarantees, but are subject to a variety of risks and uncertainties, many of which are beyond our control, and which could cause actual results to differ materially from those contemplated in these forward-looking statements. We expressly disclaim any obligation or undertaking to release publicly any updates or revisions to any such statements to reflect any change in our expectations or any change in events, conditions or circumstances on which any such statement is based.



# **Agenda**

## Overview

**EVT Execute** 

**EVT Innovate** 

Financials & Outlook



# Leading external innovation to accelerate new drugs

Evotec at a glance

 Evotec delivers a fast growing and profitable drug discovery and development business to Pharma, biotech and foundations

Evotec and its partners are progressing a pipeline of
 >80 co-owned first-in-class projects in major indications

 With >2,000 scientists, Evotec is building a leading portfolio of drug discovery platforms and drug discovery projects



# The macro trend in R&D productivity is just starting

Market dynamics in external innovation

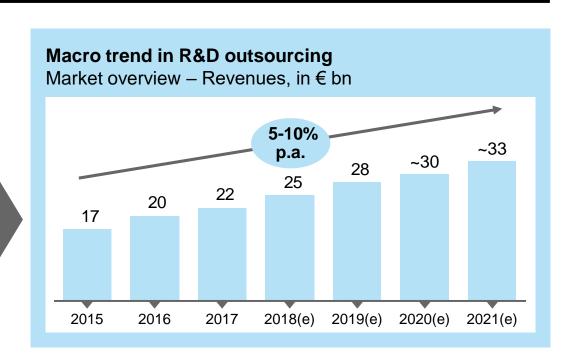
## **Key growth drivers**

## **Capital efficiency**

Switch from fixed costs to variable business models

## **Capital elasticity**

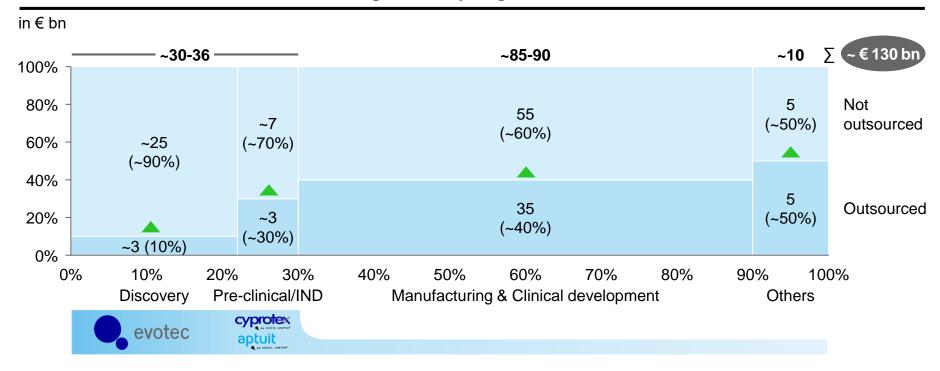
Ability to adjust investments proportional to portfolio needs & data points





# R&D holds great potential for further outsourcing

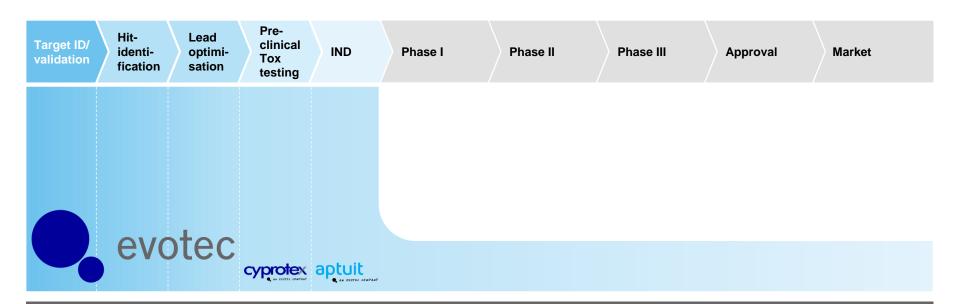
R&D outsourcing market by stage





# "One stop partner" for external innovation

Evotec's integrated offering and core competences along the value chain

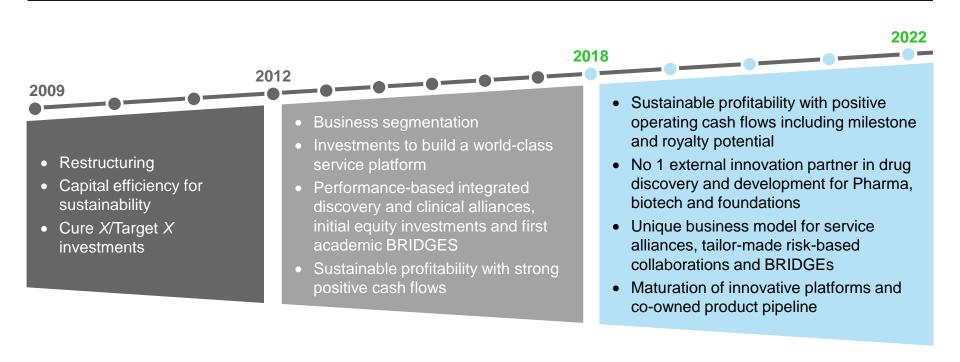


Evotec offers end-to-end platform solutions including INDiGO and high-end CMC manufacturing



# Consequent and fast forward – AP 2022

"Action Plan 2022 – Leading External Innovation" – The strategic goals





# Unique business model for high value generation

Linking strategic goals with operational imperatives

## Value generation from three initiatives



### **EVT Execute**

- Expand critical mass, world-leading platforms, and maintain delivery culture
- Continued focus on operational excellence, innovation efficiency, long-term alliances
- Build most efficient translation into the clinic in the industry with INDiGO

#### **EVT Innovate**

- Expand co-owned pipeline larger than to >100 assets
- Bring first co-owned assets close to market launch and first royalty incomes
- Increase predictiveness in discovery through disruptive technologies (e.g. Artificial Intelligence in drug discovery, iPSC, ...)

## **Corporate acceleration**

- Build portfolio of holdings with ~5-year value generation timeframe
- Expand BRIDGEs in USA and EU
- Successful integration of strategic measures and expand leadership positions through additional acquisitions or strategic alliances



# Unique disease expertise coming together

Global footprint – Evotec's centres of excellence

#### Hamburg (HQ), Göttingen, Munich (Germany)

#### ~500 employees

- Hit identification
- In vitro & in vivo biology
- Chemical proteomics and Biomarker discovery and validation
- Cell & protein production
- · Antibody discovery

#### Abingdon, **Alderley Park** (UK)

#### ~600 employees

- Medicinal chemistry
- ADME-Tox. DMPK
- Structural biology
- In vitro & in vivo anti-infective platform/screening
- · Process development
- CMC and Commercial manufacture
- Pre-formulation



#### Toulouse. (France)

#### ~350 employees

- Compound management
- Hit identification
- In vitro & in vivo oncology
- Medicinal chemistry
- ADME & PK
- · Cell, protein & antibody production

#### Verona (Italy), Basel (CH)

#### ~600 employees

- Hit identification
- In vitro & in vivo biology
- Medicinal Chemistry
- ADME-Tox, DMPK
- · Biomarker discovery and validation
- INDiGO®
- CMC
- In vitro & in vivo anti-infective platform

## Princeton. Watertown, **Branford (USA)**

#### ~90 employees

- · Compound ID, selection and acquisition
- · Compound QC, storage and distribution
- · Cell & protein production
- ADME-Tox, DMPK













# **ONE** stop-shop for external innovation

The business model – EVT Execute & EVT Innovate





# **Agenda**

Overview

## **EVT Execute**

**EVT Innovate** 

Financials & Outlook



# No 1 in quality and R&D efficiency

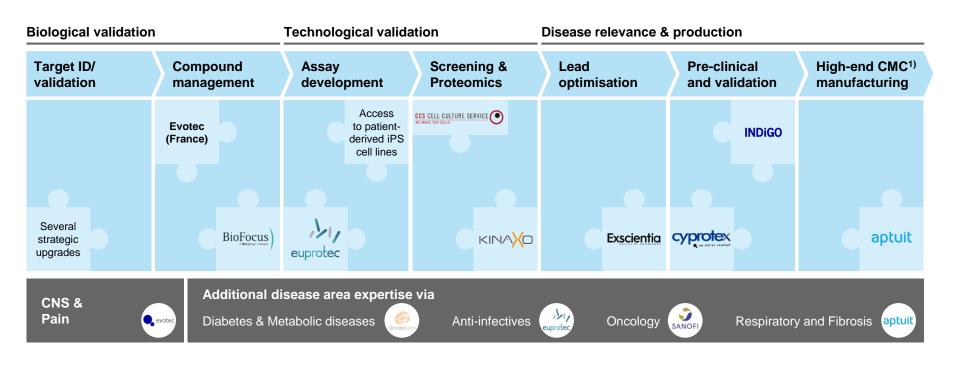
EVT Execute – Comprehensive integrated service offering





# Integrated and systematic working on all modalities

M&A/Capabilities upgrade along the value chain since 2010

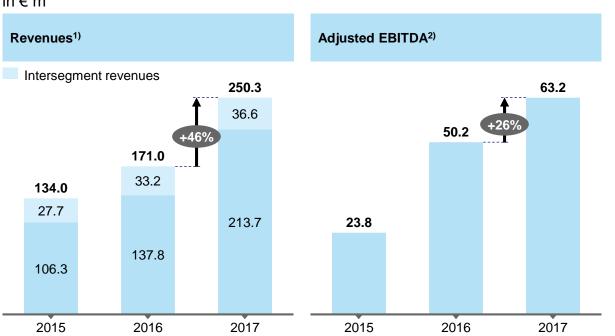




# Strong organic growth supported by acquisitions

EVT Execute – Key performance indicators FY 2017

## in € m



- Revenue growth driven by strong performance in base business, initial contributions from acquired businesses and milestones
- € 36.6 m intersegment revenues
- Strong adjusted EBITDA growth

<sup>1)</sup> Including intersegment revenues

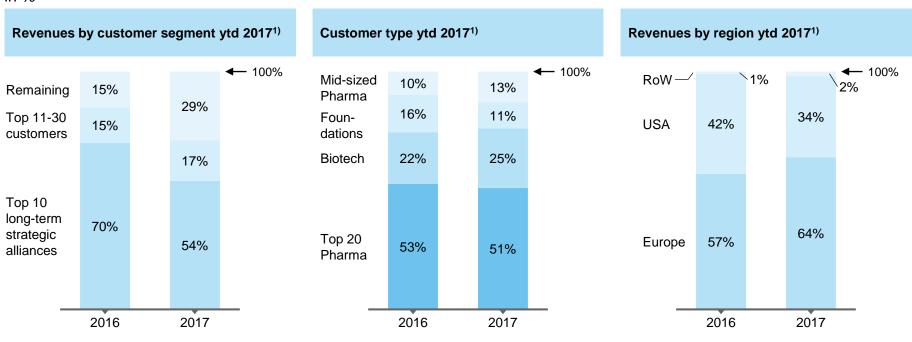
<sup>2)</sup> Adjusted for changes in contingent considerations



# Further improved customer base

EVT Execute – Selected KPIs 2017

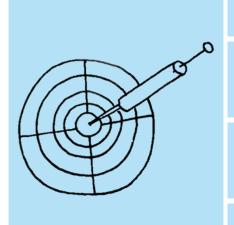






# Clear targets, strong outlook for 2018

EVT Execute – Expected key milestones 2018



 New long-term alliances integrating the offering of Aptuit, strategic launch of INDiGO



New performance-based integrated technology/disease alliances

Expansion of foundations and biotech network in USA/Europe

Milestones from existing alliances



# **Agenda**

Overview

**EVT Execute** 

## **EVT Innovate**

Financials & Outlook



# Addressing major market needs

EVT Innovate – Fields of core expertise

## **RESPIRATORY**

Market potential > € 100 bn

## NEURONAL DISEASES

Market potential > € 500 bn

# DIABETES & COMPLICATIONS

Market potential > € 500 bn

#### **FIBROSIS**

Market potential > € 100 bn

#### **PAIN**

Market potential > € 50 bn

## **ONCOLOGY**

Market potential > € 150 bn

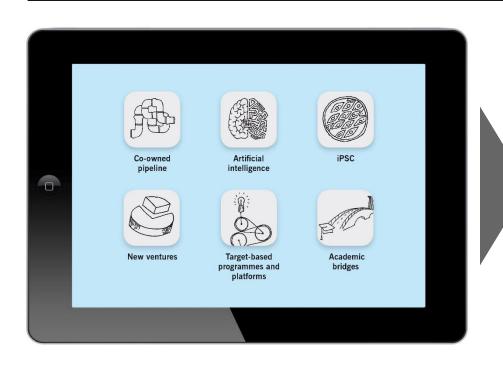
## ANTI-INFECTIVES

Market potential > € 30 bn



# **Building co-owned pipeline with superior platforms** and first-in-class targets

**EVT Innovate – Initiatives** 

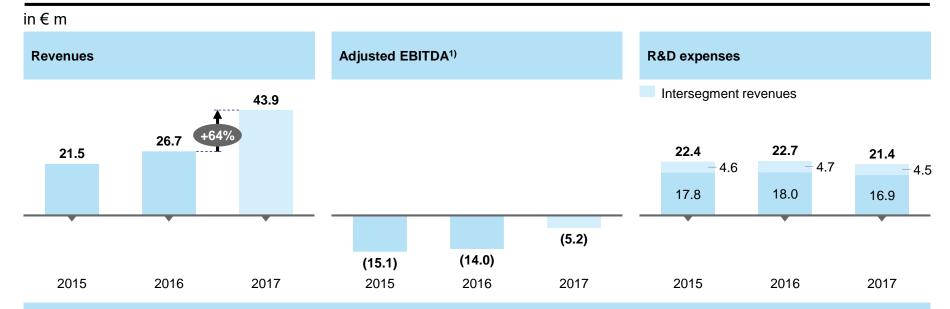


- Personalised medicine
  - Human genetics and biomarkers
- Unbiased disease-relevant readouts
  - Patient-derived disease models
  - Molecular phenotyping
- Artificial intelligence to analyse highvolume data
  - Computer-assisted drug design of compounds
  - Analysis of molecular phenotypes



# Milestones are the key growth driver

EVT Innovate – Key performance indicators FY 2017



Revenue growth of 65% and improved adjusted EBITDA resulting from extended collaborations and the full year impact of new partnerships with Celgene and Bayer and milestones



# >80 co-owned projects across broad range of therapeutic areas

Co-owned portfolio

## Value chain

## Co-owned Discovery

> 50 projects

## Co-owned Pre-clinical

> 25 projects

## Co-owned Clinical

> 10 projects

## Ø Commercials

- Ø € 1-10 m upfront and substantial research payments
- Ø € 150 m milestones per project
- Ø 8% royalties

## **Partners**









# Fully invested co-owned pipeline

# Partnership portfolio

	Molecule	Therapeutic Area / Indication	Partner	Discovery	Pre-clinical	Phase I	Phase II
	EVT201	CNS – Insomnia	<b>八京新莉业</b>	Discovery	Tre-cimical	1 Hase 1	i ilase ii
Clinical	EVT201	Immunology & Inflammation	TO MINISTER STATE  12 HORD SAM  13 COMMANDA  14 HORD SAM  15 COMMANDA  15 COMMANDA  16 HORD SAM  17 COMMANDA  17 COMMANDA  18 HORD SAM				
	ND <sup>1)</sup>	Oncology	Bochringer    Beckringer				
	ND <sup>1)</sup>	Oncology	Ville Ingelterin (Roche)				
	Various	Women's health – Endometriosis	(h)				
	Various	Women's health – Endometriosis  Women's health – Endometriosis					
		Women's health – Endometriosis  Women's health – Endometriosis	Control Contro				
	Various ND <sup>1)</sup>						
		Immunology & Inflammation	SECOND GENOME Carrick				
	Various	Oncology					
	ND <sup>1)</sup>	Chronic cough	Granding.				
	ND <sup>1)</sup>	Respiratory	Boehringer Ingelheim			<u> </u>	
	ND <sup>1)</sup>	CNS – Pain	U NOVARTIS				
	ND <sup>1)</sup>	Immunology & Inflammation	Topas 🏶 Therapeutics				
Pre-clinical	ND <sup>1)</sup>	Oncology	Boehringer Ingethein		<u> </u>		
	EVT770	Metabolic – Diabetes (type 2/1)	MedImmune AstraZeneca €				
	ND <sup>1)</sup>	Respiratory	Boehringer Ingetheim		<u> </u>		
	Various	Women's health – Endometriosis	<del>(1)</del>				
Ţ	EVT801	Oncology	SANOFI 🧳				
Ĕ	EVT701	Oncology	SANOFI 🧳				
ш.	EVT601	Oncology	SANOFI				
	Various ND <sup>1)</sup>	Oncology – Immunotherapy	SANOFI J APEIRON				
	Various	CNS, Metabolic, Pain & Inflammation	>10 further programmes				
	Various ND1)	Nephrology	<b>⊕</b>				
	Various ND <sup>1)</sup>	Immunology & Inflammation	( <del>-</del>				
	Various ND <sup>1)</sup>	Metabolic – Diabetes (type 2/1)	MedImmune AstraZeneca €				
	Various ND <sup>1)</sup>	Metabolic – Diabetes (type 2/1)	6				
Discovery	Various ND1)	Nephrology	AstraZeneca 2				
	Various ND1)	Metabolic - Diabetes	SANOFI 🧳				
	Various	Immunology & Inflammation – Tissue fibrosis	<b>Piver</b>				
	Various	Neurodegeneration	Que.				
	LpxC inhibitor	Anti-bacterial Anti-bacterial	FORGE				
Ω	Various	All indications	• •				
	INDY inhibitor	Metabolic	ili-se				
	Various	Fibrotic disease	Fibrocor Therapeutics				
	Various	Antiviral	taglogen				
	Various	Internal: Oncology, CNS, Metabolic, Pain & Inflammation	>30 further programmes				





# One big effort for the benefit of many

Sanofi & Evotec – Transaction expected to close in H1



# $CH_3$

## Pipeline-building collaboration in infectious diseases (ID)

Strong and diverse portfolio of > 10 research & early-stage development projects licensed from Sanofi to Evotec (EVT Innovate) - Sanofi will retain option rights on development, manufacturing and commercialisation of certain products

## World-leading expertise and platforms in ID coming together

Transfer of > 100 industry-leading ID disease experts to Evotec in Lyon. Together with existing capabilities in Alderley Park, UK; Toulouse, France, and Verona, Italy, Evotec will have more than 150 scientists active in ID R&D.

## Pioneering open innovation

Expanding academic and public funding network, to create the open innovation platform for Pharma, biotech, academic institutions, foundations and NGOs in the fight against the worldwide spread of drug resistance and infectious diseases



# Strong progress in first-in-class alliances

## Examples

## Chronic kidney disease ("CKD")

Highly innovative therapeutics in diabetic complications (e.g. CKD)



#### Commercials<sup>1)</sup>

Undisclosed upfront payment, potential milestones > € 300 m, double-digit royalties



#### Immuno-oncology

Small molecule-based cancer immunotherapies to complement checkpoint inhibitors (together with APEIRON Biologics)



#### Commercials1)

Substantial research payments, potential milestones > € 200 m, double-digit royalties

#### **Fibrosis**

Novel mechanisms in multi-organ fibrosis



#### **Endometriosis / Pain**

Non-hormonal treatments in endometriosis



#### Commercials1)

Undisclosed upfront payment, potential milestones > € 100 m

#### Commercials<sup>2)</sup>

€ 12 m upfront, potential milestones

> € 500 m, double-digit royalties

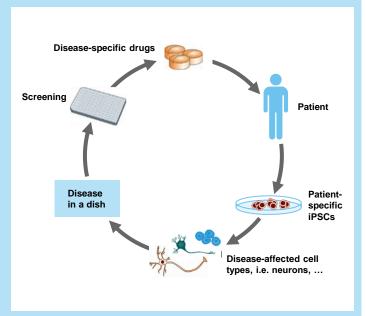


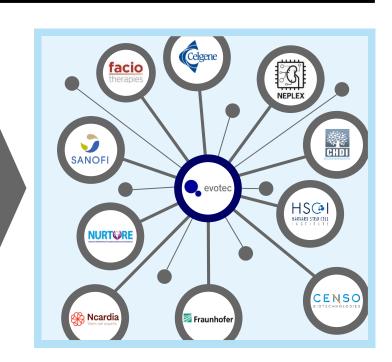
# Global leadership in iPSC

Strong focus on iPSC<sup>1)</sup> platform

"IPS cells can become a powerful tool to develop new drugs to cure intractable diseases because they can be made from patients' somatic cells."

> Shinya Yamanaka







# Paradigm shifts in neurodegeneration and diabetes

iPSC – Alliances; Progress overview



## iPSC alliance in neurodegeneration

Development of novel therapies for a broad range of neurodegenerative diseases

#### Focus on

- ALS Amyotrophic lateral sclerosis
- AD Alzheimer's disease
- HD Huntington's disease
- PD Parkinson's disease

#### **Commercials**

Upfront \$ 45 m, potential milestones > \$ 250 m per project, low double-digit royalties

## **SANOFI**

#### iPSC alliance in diabetes

Development of beta cell replacement therapy and drug discovery based on functional human beta cells

#### Focus on

- Beta cell replacement therapy
- Drug discovery Small molecules

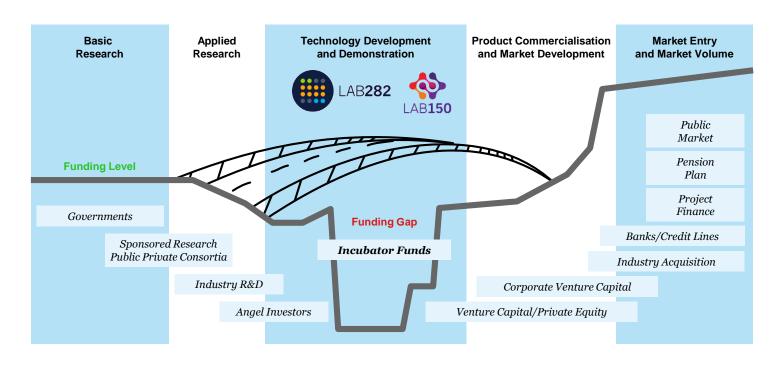
#### **Commercials**

Upfront € 3 m, research payments, potential milestones > € 300 m, double-digit royalties



# **Building BRIDGEs over the "Valley of death"**

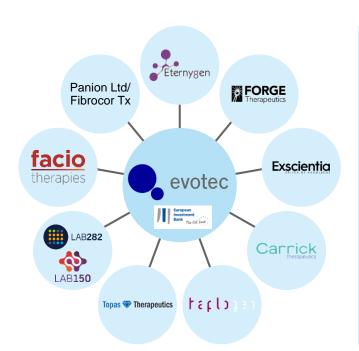
The funding gap





# First-in-class innovation via co-investment strategy

Innovative building & investing

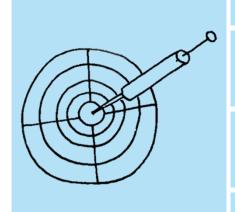


- Participation in financing rounds, built on Evotec's platforms, via strategic investments
- Approx. € 22 m investments in 2017; long-term commitments with payback horizon > 5 years
- Attractive € 75 m loan facility available from EIB to also support R&D equity financing



# Just the beginning for EVT Innovate

EVT Innovate – Expected key milestones 2018



 New clinical initiations and good progress of clinical pipeline within existing partnerships

- Expansion of academic BRIDGE network
- Strong R&D progress within Cure X/Target X platforms and new Innovate partnerships
- Strong expansion of iPSC (induced pluripotent stem cells) platform



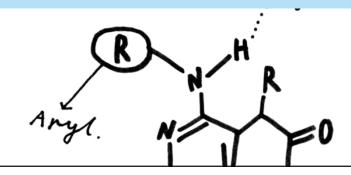
# Agenda

Overview

**EVT Execute** 

**EVT Innovate** 

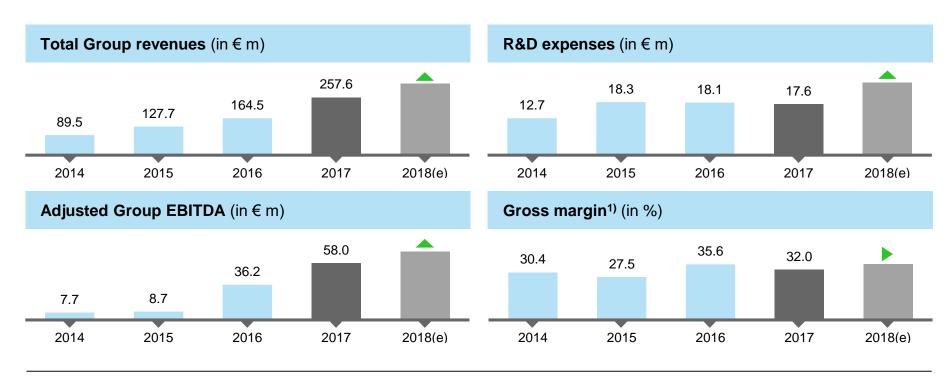
## **Financials & Outlook**





# Strong performance continues – "3x30"

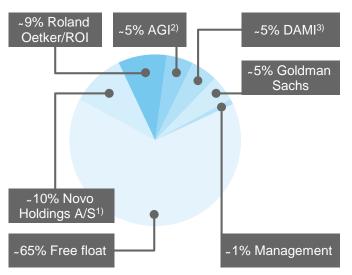
Financial history 2014-2018 (e) – Selected performance indicators





# Strong team and shareholders for innovation

Management & shareholder structure



Number of shares: 147.5 m

Listing: Frankfurt Stock Exchange (TecDAX), OTCBB

**52** week high/low: € 22.50/€ 10.60

## **Management Board**

- Werner Lanthaler (CEO) Long-time experience in Pharma & biotech
- Enno Spillner (CFO) Long-time experience in finance & biotech
- Mario Polywka (COO) Strong operational & commercial management track record
- Cord Dohrmann (CSO) Long-time experience in drug discovery and business development

## **Supervisory Board**

- Wolfgang Plischke Ex-Bayer
- **Bernd Hirsch** Bertelsmann
- Claus Braestrup Ex-Lundbeck
- Iris Löw-Friedrich **UCB**
- Michael Shalmi Novo Holdings A/S<sup>1)</sup>
- Elaine Sullivan Carrick Therapeutics

<sup>1)</sup> Previously Novo A/S

<sup>2)</sup> Allianz Global Investors GmbH

<sup>3)</sup> Deutsche Asset Management Investment GmbH



# "3x30" – Strong growth and profitability expected

Guidance 2018

Doubledigit top- More than 30% Group revenue growth line growth **Profitable**  Adjusted Group EBITDA<sup>1)</sup> expected to improve by approx. 30% and growing Focused Group R&D expenses of € 20-30 m investments



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