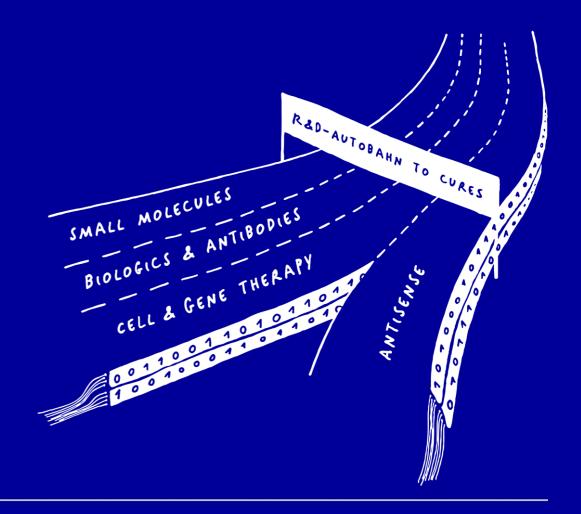


## **Evotec**

The R&D Autobahn to Cures





## **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**

## **Unique business model**

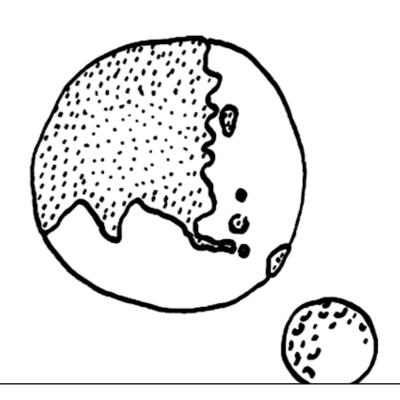
Multi-modality

Data-driven precision medicine

Co-owned pipeline building

From BRIDGES to operational VC

Financials, Governance and Outlook





# Unique business model

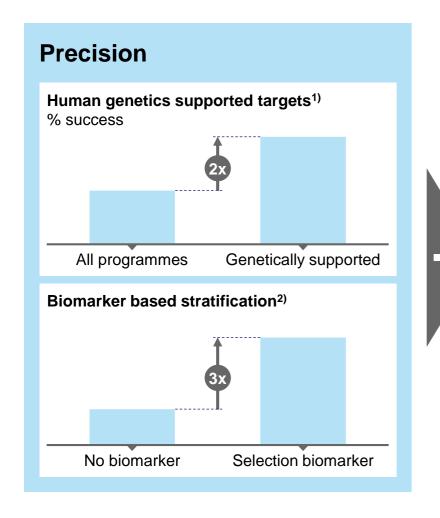
Partnered drug discovery & development to capture the advantages of the sharing economy in R&D via co-ownership

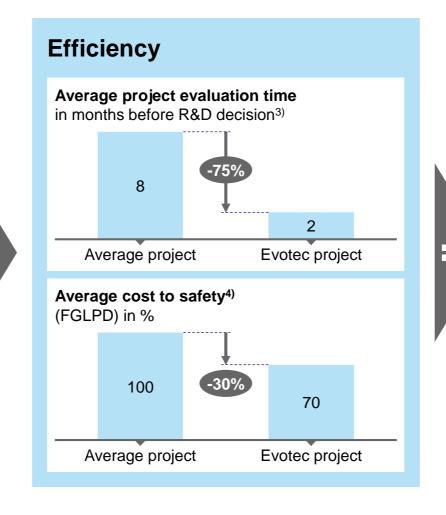


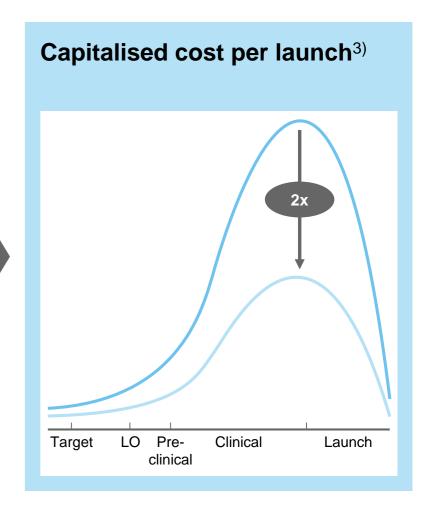


## Data-driven precision medicine meets operational excellence

More precision, higher efficiency, better returns







<sup>1)</sup> Margan, P. et al. Nature Rev Drug Discovery 2018 Mar 17 (3): 167-181

<sup>2)</sup> Deloitte Report Unlocking R&D Productivity, Measuring the Return from Pharmaceutical Innovation 2019

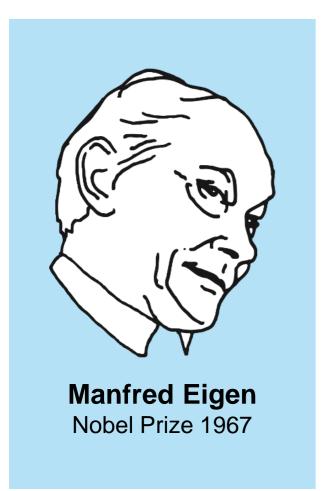
<sup>3)</sup> Evotec internal; Paul S.et al Nature Rev. Drug Discov. 9 203-214 (2010). McKinsey 2014 McKinsey one advantage to product launch (2014).

<sup>4)</sup> FGLPD= First good laboratory practice dose in safety assessment



## **Building the R&D Autobahn to Cures**

Our long-term mission in drug discovery and development



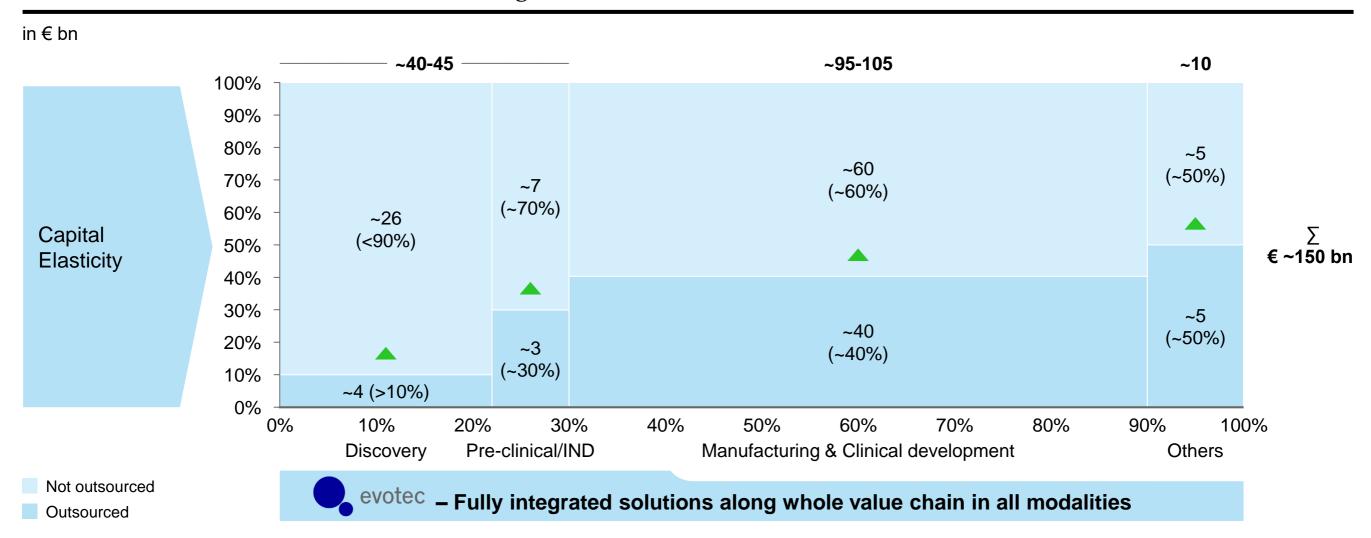
We put drug discovery ideas and leading technologies across all modalities to action. We enable and accelerate the development of precision medicines together with our partners.

#RESEARCHNEVERSTOPS



## External innovation "...just at the beginning"

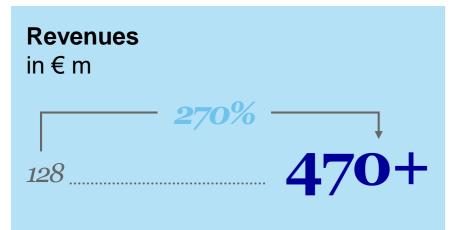
R&D outsourcing & external innovation

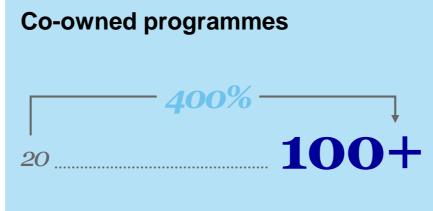


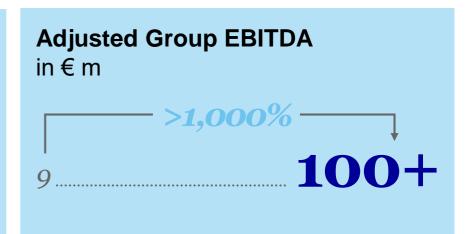


## Strategy delivers significant growth and value potential

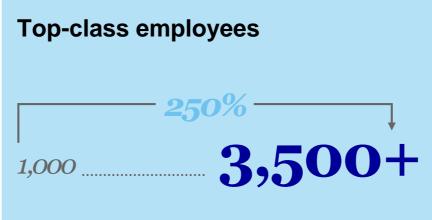
Development from **2015** ... **to 2020 (e)** 

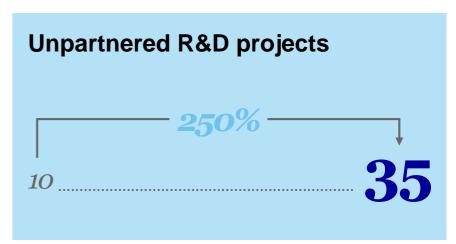














## Global presence for optimal impact

Evotec – Sites & number of employees



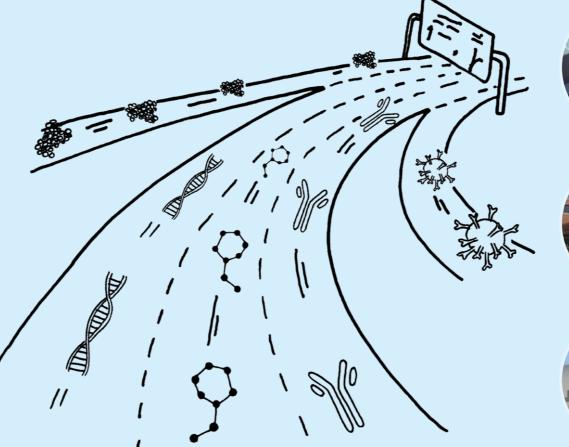
Princeton, Seattle, Branford, Watertown ~350



Orth an der Donau ~30



Verona ~700





Hamburg (HQ), Goettingen (Manfred Eigen Campus) Cologne, Munich, ~830



Abingdon (Dorothy Crowfoot Hodgkin), Alderley Park ~820

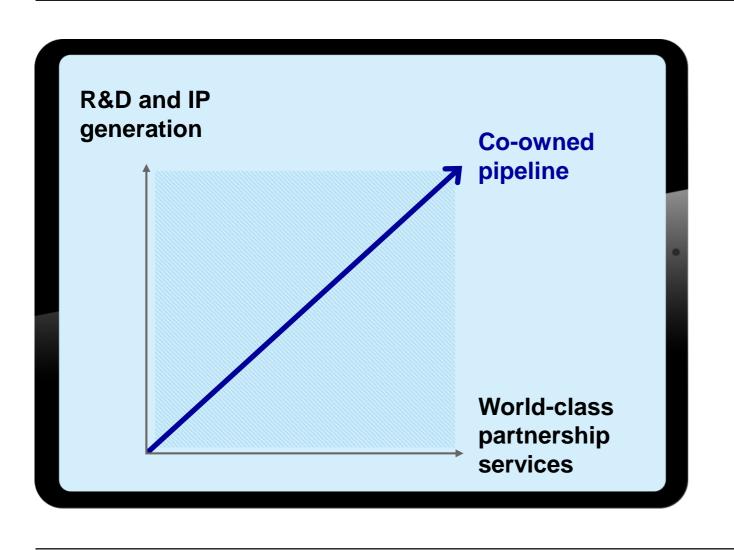


Lyon, Toulouse (Campus Curie) ~750



## Novelty and precision opens path to co-ownership

Unique business model



## **Sources for Co-ownership**

Platforms (EVT Execute & EVT Innovate)

e.g. High-value integrated drug discovery & development; Data-driven precision medicine

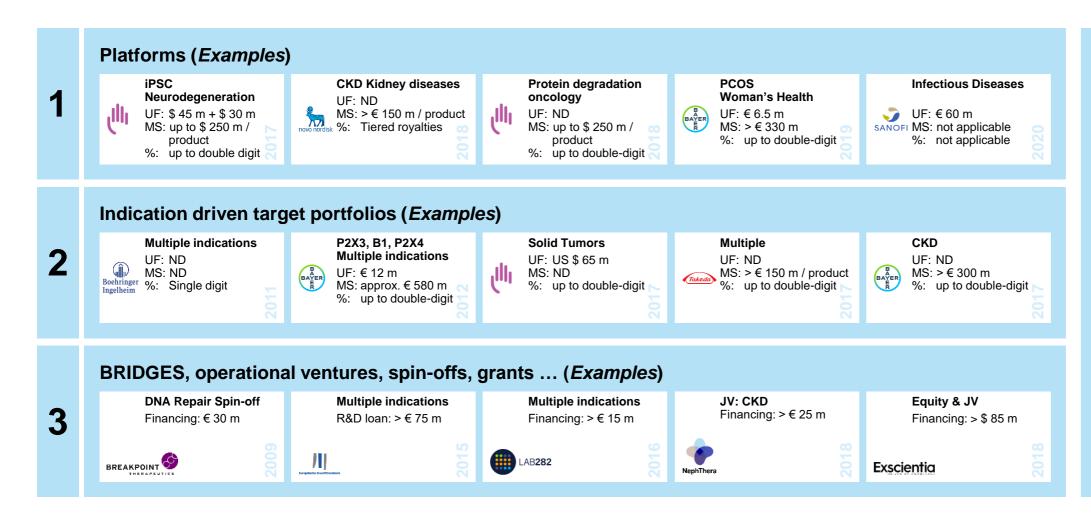
2 Indication-driven target pipelines e.g. P2X3, B1, A2a, ...

BRIDGES, operational ventures e.g. Lab282, Exscientia, Topas, Breakpoint, ...



## Transactions are the beginning for risk-free value creation

Co-owned portfolio¹)– Selected examples (in € m/ US\$ m)



Upfronts

> € 200 m

Potential milestones

> € 8 bn

VC financing, R&D loans & grants

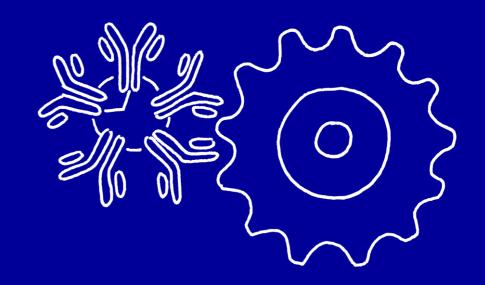
> € 200 m

ø Royalties on more than 110 projects 8% (from 2 – 50%)



# Multi-modality

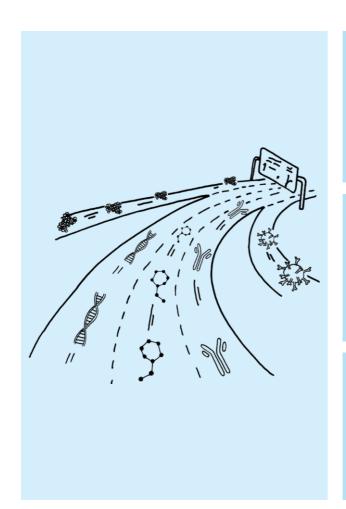
AI and data accelerate integrated drug discovery & development to a new quality dimension in all modalities (EVT Execute)





## Key growth drivers for high-impact and high-value business

Data driven drug discovery & development



### Capabilities and expertise create multi-modality R&D Autobahn to Cures

- Biologics design and manufacturing disruptive next generation technologies
- "Small molecules" extension to difficult targets
- Gene therapy; iPSCs and scalable cell therapy

### Integration drives differentiation

- Knowledge, experience and know-how creates success loop (> 90% return rate of partners)
- Integrated working creates quality, speed, performance and inventive steps

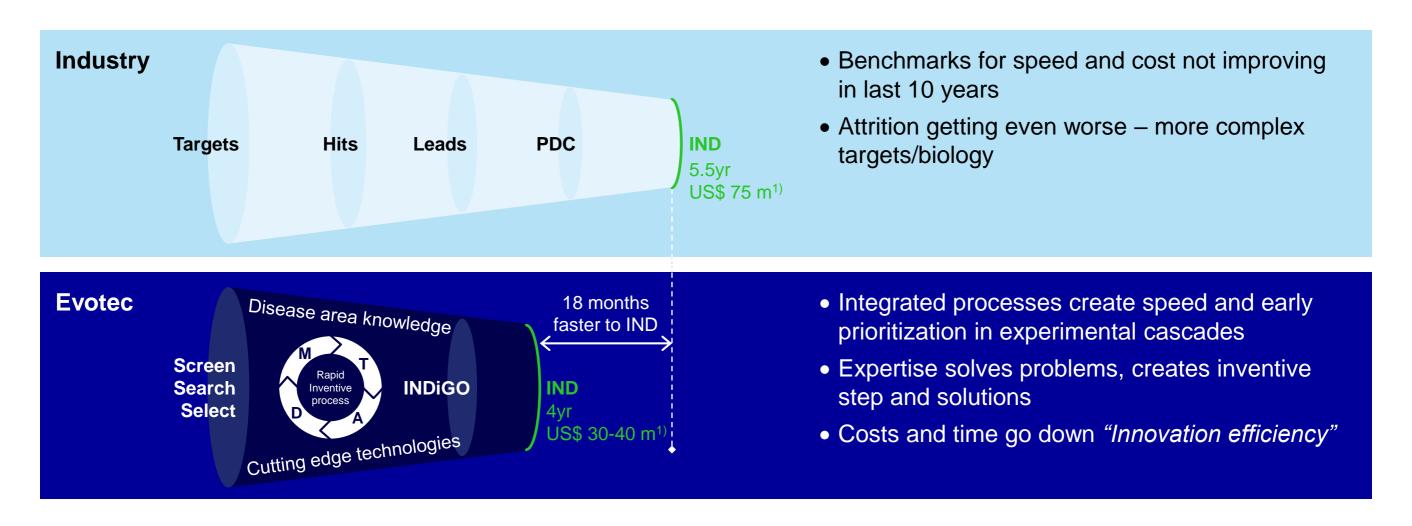
### Combination of experimental data and AI/ML surface is cutting edge

- Creating and exploiting data in optimised infrastructure holds huge potential
   POC examples: HAL, leading with AI/ML in molecular design and predictive ADMET
- Laying "data surface" onto R&D Autobahn further drives competitive advantage



## Significantly faster and more efficient on R&D continuum

Innovation efficiency: 30% reduction in time; 50% reduction in cost





## High-performance alliances built on quality & speed

Efficiency yields higher share of wallet in integrated alliances (examples)



Oncology, Respiratory

Initiated 2011 Expanded 2020



Pain, Respiratory, CKD, Women's Health

Initiated 2012 Extended 2017 Expanded 2016 & 2020



ر<sup>ااا</sup> Bristol Myers Squibb

CNS, Oncology, Protein Degradation

Initiated 2016
Extended 2018, 2019
Expanded
2018, 2019, 2020



Oncology

Initiated 2018



Diabetes, CKD

Initiated 2018
Expanded 2020



Multiple therapeutic areas

Initiated 2019 Expanded 2020

>30%

Lower cost and higher speed to safety assessment (FGLPD) than industry benchmarks<sup>1)</sup>



## Utilizing power of machine learning in biologics

J.DESIGN™ Technology Platform – Unique and fully integrated

Common datasets support integrated, continuous learning

- High quality molecules
- Speed to proof of concept
- Robust, efficient manufacturing

**Superior** Sequence optimized for Molecule **MOLECULE DISCOVERY** developability **Discovery** DISCOVERY **MOLECULE DESIGN** J.MD<sup>™</sup> J.DESIGN MANUFACTURING DESIGN J.POD® **PROCESS & PRODUCT DESIGN** Cell line, Clinical and process and Commercial formulation Manufacturing development





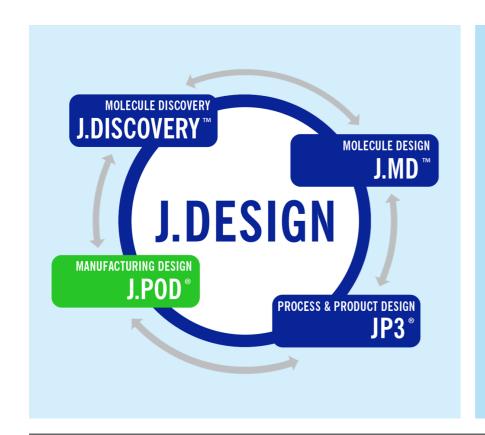
Highly

flexible

operation

## Clinical and commercial GMP manufacturing

J.POD® – Flexible, Clinical and Commercial Manufacturing Design



Clinical and Commercial are at the same scale, eliminating scale-up risks



J.PLANT: Phase I/II cGMP



J.POD: Clinical–Commercial cGMP

**Seamless Transfer** 

State of the Art Manufacturing – a few kilograms to metric tons – Initiation of J.POD 1 in H2 2021



# Data-driven precision medicine

Integration of big "omics" data to drug discovery platforms is game changing for precision medicine (EVT Innovate)





## Precision medicine is our focus

Patient databases & disease models combined with PanOmics & PanHunter

## Molecular patient databases

- Re-defining health and disease
- Defining molecular disease profiles





- Focus on disease relevance throughout the process
- Screening / H2L / LO ...



## Molecular profiles turned biomarkers

- More precise measure of efficacy and safety
- Differentiation from SOC



**Genomics – Transcriptomics – Proteomics – Metabolomics** Industrialised data generation

**PanOmics**Data generation



Data science – Machine learning / Artificial intelligence – Bioinformatics Al/ML driven data analytics

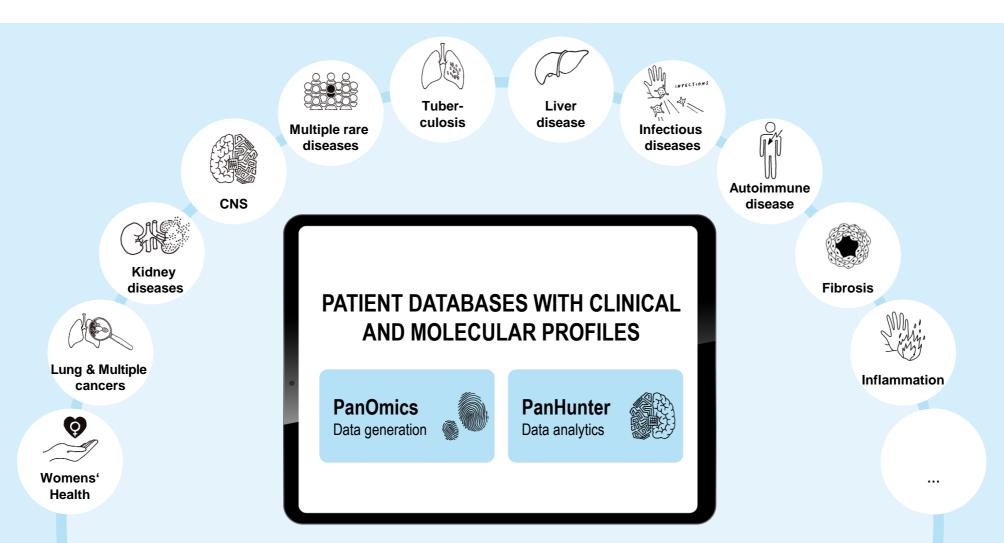
PanHunter Data analytics





## Molecular patient data bases are re-defining health and disease

The foundation of precision medicine





## Molecular patient databases translate to high value partnerships

Partnerships deliver significant cash flow and upside (example CKD)







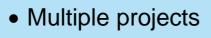




Start: **2016** 

- Strong pipeline
- Financials
  - UF payment: ND
  - Research funding
  - MS of > € 300 m
  - Tiered royalties

Start: **2019** 





- Financials
  - Funding of € 25 m
- Evotec owns 50% of NephThera

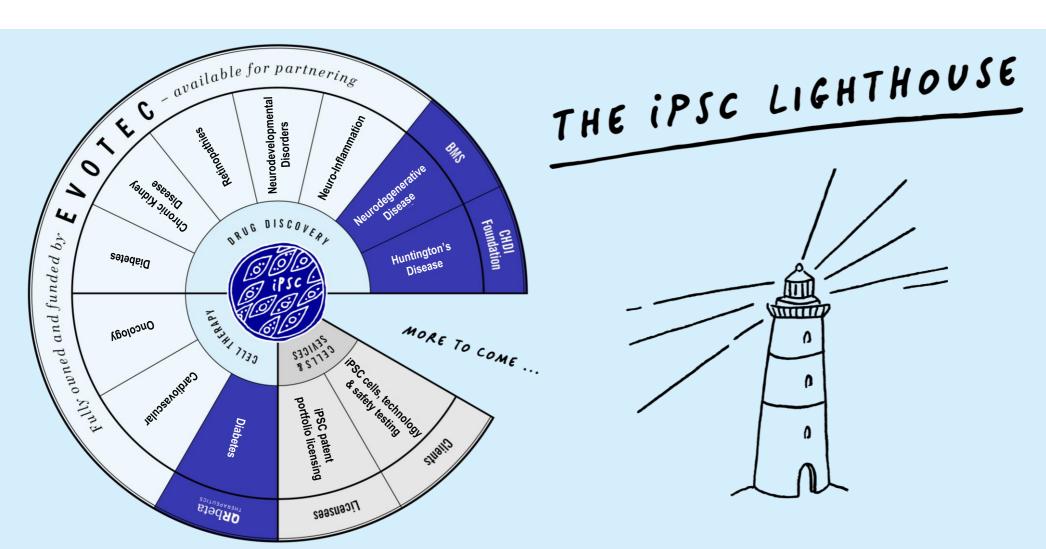
Start: **2020** 

- Pipeline building initiated
- Financials
  - UF payment: ND
  - Research funding
  - MS of > € 150 m / per product
  - Tiered royalties



## Unparalleled iPSC platform delivers big portfolio of opportunities

iPSC platform

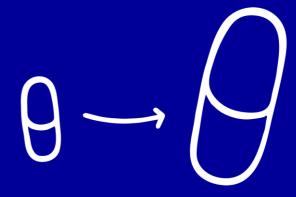


- Unique to select unbiased therapeutic modality for specific disease or target
- Perfect starting point for drug discovery and cell therapy – linked to technologies for disease understanding and modelling



# Co-owned pipeline building

Milestones and royalties massively reward initial R&D investments





## Portfolio across all modalities steadily growing

Our co-owned pipeline of assets

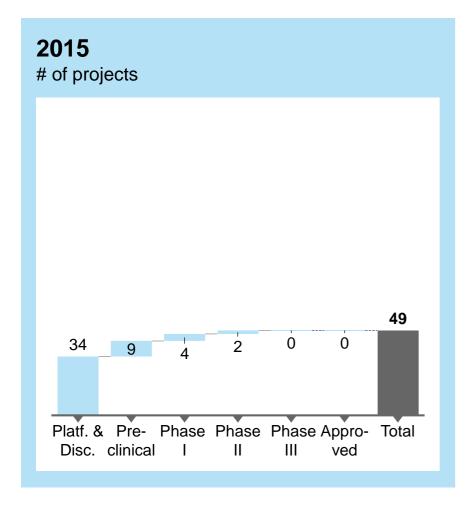
## Number of projects (owned/co-owned)

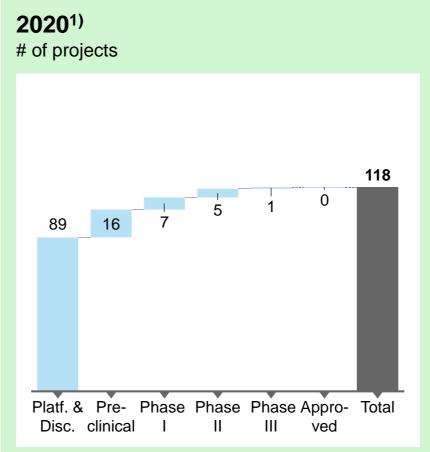
			Small molecules
	Gene & Cell therapies	Biologics	
Discovery	>10	>10	>50
Pre-clinical	3	10	15
Clinical	_	_	15
Example	iPSC derived beta cell therapy	Chikungunya virus Antibody	P2x3 – A pipeline in a molecule

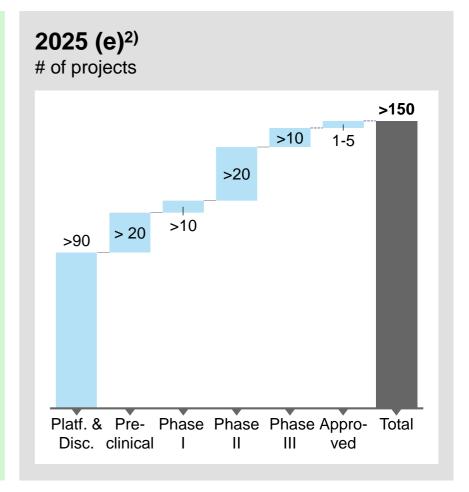


## Building a massive co-owned clinical pipeline

EVT Innovate pipeline evolution 2015-2025 (e)







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<sup>1)</sup> Does not include projects that were completely stopped, e.g. Diap277, EVT302

<sup>2)</sup> Not risk adjusted

<sup>3)</sup> Does not include EVT equity investments



## Pipeline will strongly gain visibility with no clinical costs for EVT

Overview of pipeline and selected upcoming events & internal champions

#### Selected expected upcoming pipeline events in the next 12 - 24 months

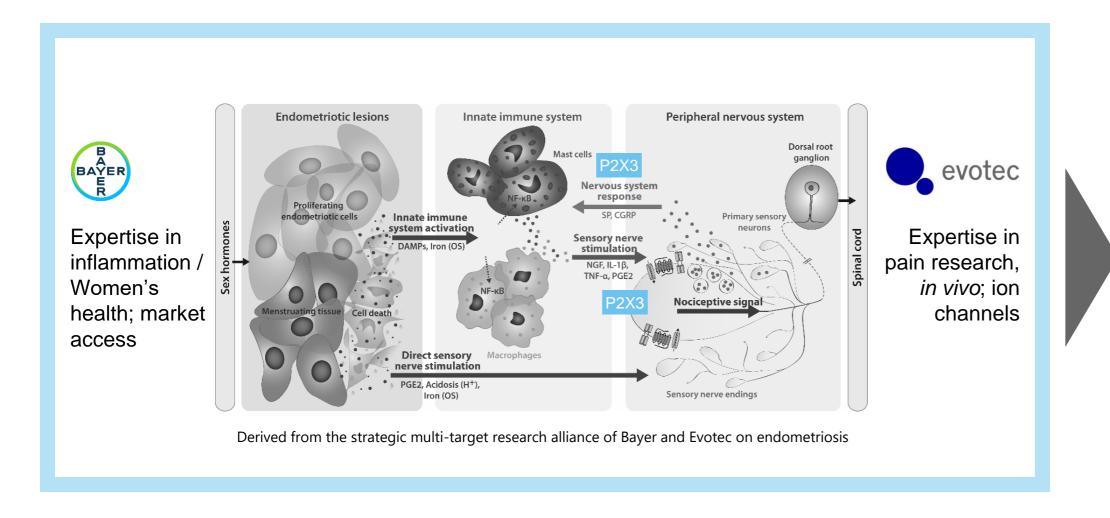
- Phase IIb with Bayer in RCC (Eliapixant)
- Phase IIa with Bayer in Overactive bladder (Eliapixant)
- 3. Phase II with Bayer in Endometriosis (Eliapixant)
- 4. Phase II initiation with BI in Oncology / Pain
- 5. Phase II with Bayer in Gynaecology (B1 antagonist)
- 6. Phase I initiation in Chikungunya virus ✓
- Phase I with BMS in CNS
- 8. Phase I with Exscientia in Oncology (A2a)
- 9. Phase I with Bayer in Gynaecology (P2X4)
- Phase I with Sanofi in Immuno-oncology
- 11. Phase I in HBV Cure
- 12. Multiple co-owned equity companies will progress in clinic (e.g. Topas, Forge, Carrick, Fibrocor, QRbeta, ...)

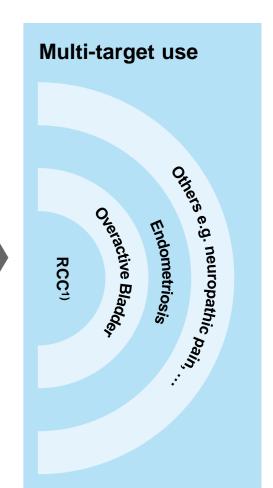




## P2X3 has multi-indication potential

P2X3 antagonist – Eliapixant (BAY1817080) – (Example)







## >100 discovery projects are progressing rapidly

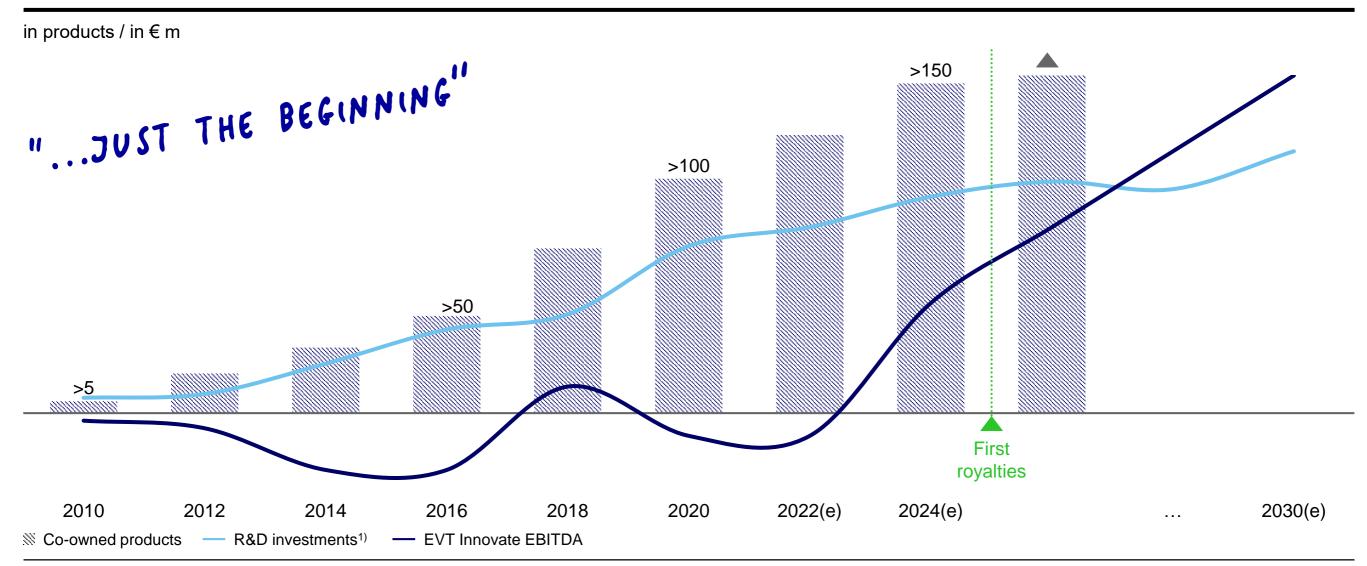
## Partnership research and discovery portfolio

	Molecule	Therapeutic Area/Indication	Partner	Discovery	Pre-clinical	Phase I	Phase II	Phase III
	Various ND <sup>1)</sup>	Nephrology	AstraZeneca 2					
	ND <sup>1)</sup>	Nephrology	VIFOR PHARMA					
	ND <sup>1)</sup>	PCOS	celmatix					
	INDY inhibitor	Metabolic	Faryari					
	Various	Oncology	( <sup>III</sup> Bristol Myers Squibb'					
	ND <sup>1)</sup>	Oncology	The Mark Foundation' for Cancer Research					
	ND <sup>1)</sup>	Oncology – Colorectal cancer	<b>I</b> ndivumed					
	ND <sup>1)</sup>	Oncology – DNA damage response	BREAKPOINT					
	ND <sup>1)</sup>	Novel antibiotics	HELMHOLTZ RESEARCH FOR GRAND CHALLENGES					
	ND <sup>1)</sup>	Novel antibiotics	GARDP Emilipare transpo					
ery	ND <sup>1)</sup>	Anti-bacterial	FORGE harapeutics					
Discovery	TargetPicV	Antiviral	terlagen 🐑					
Dis	Various	Anti-infectives	evotec >5 programmes					
	Various	All indications	LABS LABORDE LABS					
	ND <sup>1)</sup>	Dermatological diseases	Salmirall Intelligence to the same record					
	ND <sup>1)</sup>	Facioscapulohumeral Dystrophy	facio Derapies					
	Various	Immunology & Inflammation – Tissue fibrosis	Pfizer					
	Various	Fibrotic disease	Fibrocor Therap./ Galapagos					
	Various ND <sup>1)</sup>	Immunology & Inflammation						
	ND <sup>1)</sup>	Inflammatory	Aeovian					
	ND <sup>1)</sup>	Cancer	(Immunitas					
	ND <sup>1)</sup>	Novel broad-spectrum antibiotic	RESTLUTE CARB-X					
	Various	Internal: Oncology, CNS, Metabolic, Pain & Inflammation	>40 further programmes					



## Building co-owned product upside with limited financial risk

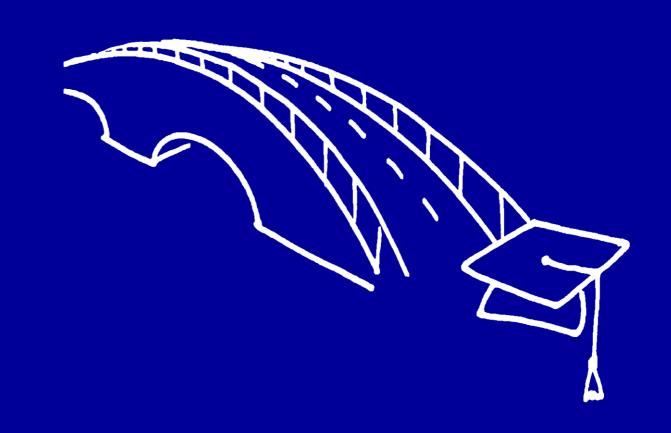
Co-ownership business model 2010-2025 (e) (EVT Innovate)





# From BRIDGES to operational VC

Incubation and Investments to accelerate co-ownership





## BRIDGEs to link academia with R&D Autobahn to Cures

Long-term optionality with efficient translation (Examples)





## Portfolio of co-owned opportunities with operational synergies

Equity participations for co-owned pipeline

#### At equity investments (share ≥ 20% or significant influence)



#### **Equity participation**

Metabolic disorders

Initiated 2016

Topas Therapeutics

#### Spin-off

Nanoparticle-based therapeutics

Initiated 2016

Exscientia

#### **Equity participation**

sed Al for automated drug design

Initiated 2017

facio therapies

#### tion Equity participation

FSHD

Initiated 2017



#### Spin-off

DNA damage response

Initiated 2019



#### **Equity participation**

Women's health

Initiated 2019



#### **Equity participation**

Cross therapeutic areas

Initiated 2020

## Joint Venture



## Equity participation and partnership

Oncology

Initiated in 2020



## Joint Venture with Vifor Pharma

Nephrology

Initiated 2019

#### Minority Shareholdings (share < 20%)



#### **Equity participation**

Innovative pathways in oncology

Initiated 2016



#### **Equity participation**

Targeting metalloenzymes

Initiated 2017



#### **Equity participation**

Fibrosis partnership

Initiated 2017



#### **Equity participation**

Inflammatory disease

Initiated 2019



#### Equity participation

Oncology / Biologics

Initiated 2019



#### **Equity participation**

Oncology

Initiated 2019



#### **Equity participation**

Formulation nanotechnologies

Initiated 2020



#### **Equity participation**

Failsafe cloaking for cell therapies

Initiated 2020



#### **Equity participation**

Neuroscience

Initiated in 2020



# Financials, Governance & Outlook

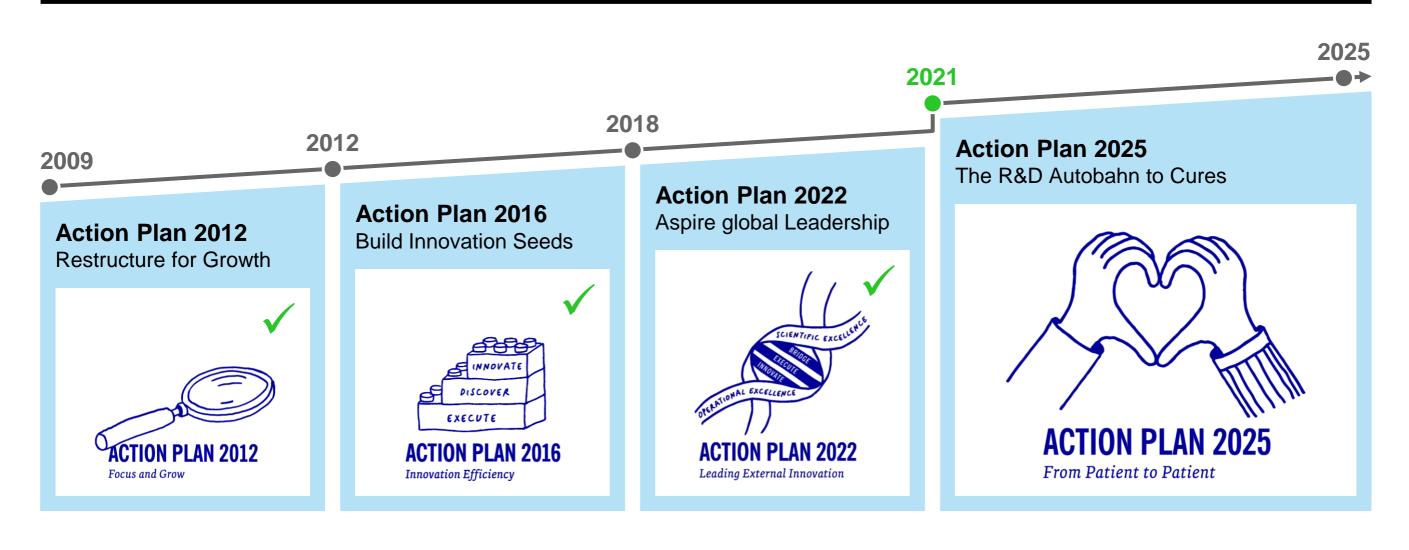
A sustainable business building massive upside





## Well positioned for sustained growth

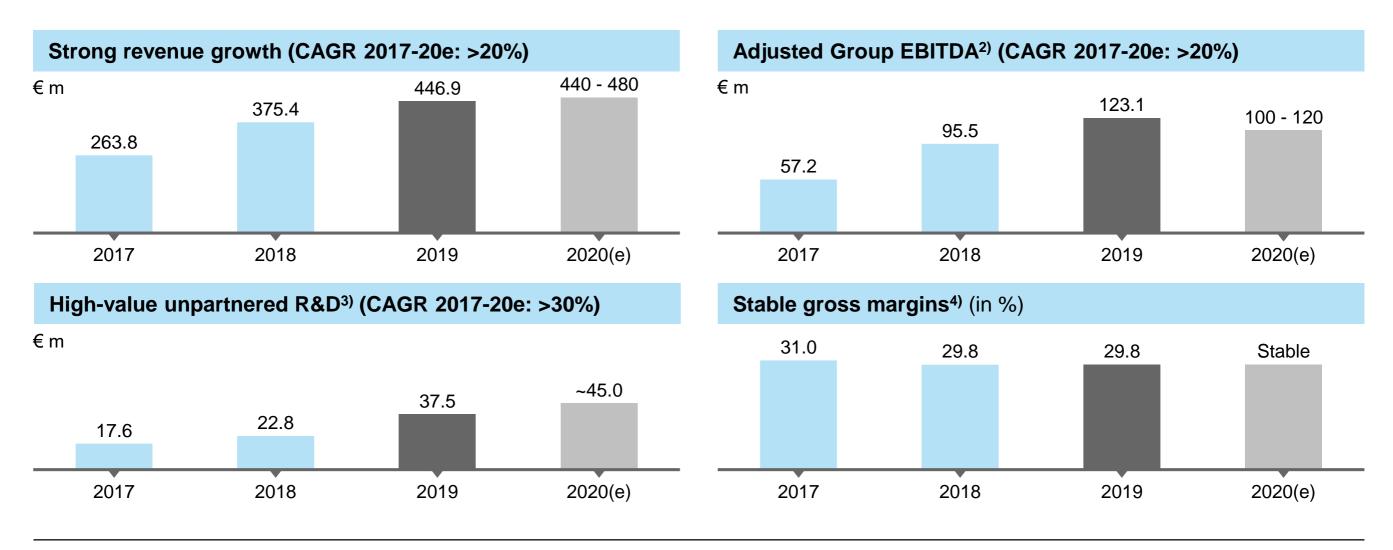
Long-term strategy – Action Plan 2025





## Strong long-term growth strategy

Financial history 2016-2020 (e) – Selected performance indicators



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<sup>1)</sup> Please note that bar heights are only illustrative and not representing actual values

<sup>2)</sup> Before contingent considerations, income from bargain purchase & excl. impairments on goodwill, other intangible assets & tangible assets as well as the total non-operating result

<sup>3)</sup> Excluding expenses for ID-related expenses fully reimbursed by Sanofi under other operating income; total of R&D expenses in 2019 of €58.4 m

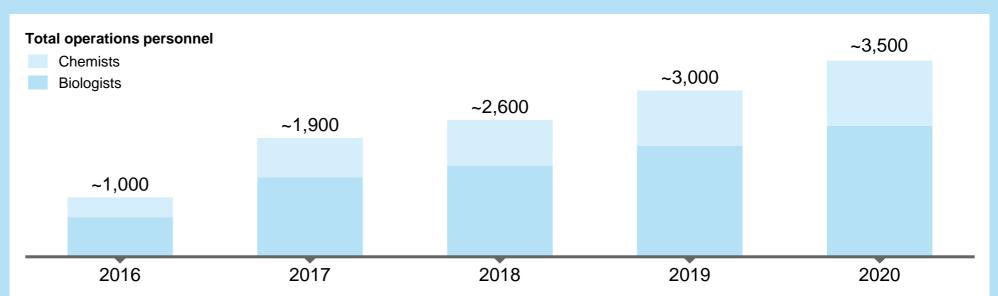
<sup>4)</sup> Gross margin in the future represents different business mix, considering amortisation of acquisitions, and may be volatile due to potential milestone or out-licensing payments; gross margin in 2017 restated for IFRS 15



## Scientific excellence meets operational excellence

Opening the door for new top talents





- > 80% of employees with at least one academic qualification
- Approx. 50% of employees have worked for Evotec > 5 years
- > 8 years on average drug discovery and development experience
- > 55% female; > 69 nationalities



## Strategy aligned with UN Sustainable Development Goals (SDGs)

Health, Innovation, Education, Diversity and Climate resonate most with our stakeholders



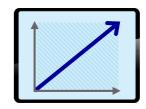






























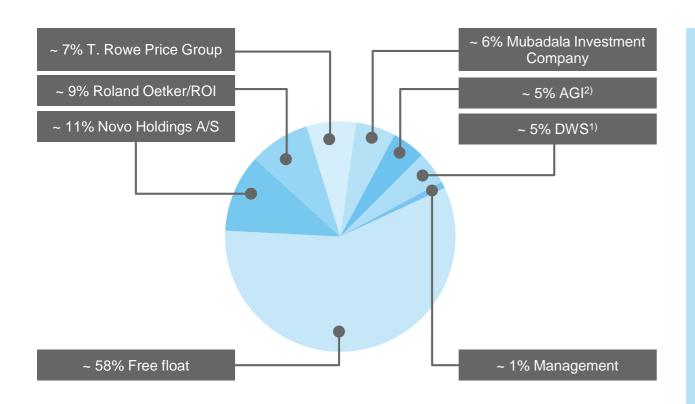






## Strong team and shareholders supporting sustainable growth

## Management & shareholder structure



Number of shares: 163.9 m

Listing: Frankfurt Stock Exchange (MDAX, TecDAX), OTCBB

**52** week high/low: € 31.00/€ 17.26

#### **Management Board**

- Werner Lanthaler (CEO)
   Long-time experience in
   Pharma & biotech
- Cord Dohrmann (CSO)
   Long-time experience in drug discovery
- Craig Johnstone (COO)
   Strong drug discovery and commercial track record
- Enno Spillner (CFO)
   Long-time experience in finance & biotech

#### **Supervisory Board**

- Wolfgang Plischke Ex-Bayer
- Iris Löw-Friedrich UCB
- Kasim Kutay
   Novo Holdings
- Mario Polywka
   Ex-Evotec
- Roland Sackers
   QIAGEN
- Elaine Sullivan
   Ex-Lilly



## Strong performance in a challenging year

Guidance 2020 – unchanged since March, despite COVID-19

1	Good top- line growth	Total Group revenues expected to range from € 440 – 480 m, based on constant 2019 exchange rates, despite loss of € ~20 m payment from Sanofi, and certain COVID-19 challenges <sup>1)</sup>
2	Strong EBITDA	Adjusted Group EBITDA <sup>2)</sup> expected to be in the range of € 100 – 120 m, based on constant 2019 exchange rates. At comparable level as in 2019, despite loss of € ~20 m payments from Sanofi, significant ramping up J.POD <sup>®</sup> capacities, and certain COVID-19 challenges
3	Focused R&D investments <sup>3)</sup>	Unpartnered Group R&D expenses of approx. € 45 m

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<sup>1)</sup> Projections are based on constant 2019 exchange rates 2) EBITDA is defined as earnings before interest, taxes, depreciation, and amortisation of intangibles.

<sup>2)</sup> Adjusted EBITDA excludes contingent considerations, income from bargain purchase and impairments on goodwill, other intangible and tangible assets as well as the total non-operating result;

<sup>3)</sup> Evotec focuses its guidance and upcoming reporting on the "unpartnered R&D" part. ID-related R&D expenses will be fully reimbursed by its partner Sanofi ("partnered R&D").



## Strong news flow and strategy update with Action Plan 2025

Newsflow 2021



#### **EVT Execute**

- New integrated service alliances in drug discovery & development
- Commercial launch and acceleration of AI/ML offering in all modalities
- Initiation of J.Pod 1 in Redmond (US)

#### **EVT Innovate**

- New clinical initiations and progress of co-owned pipeline
- New co-owned partnerships
- Strategic launch of QRBeta Initiative

## **EVT Equity & BRIDGES**

- Initiation of new BRIDGEs
- New operational ventures



#### Your contact:

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