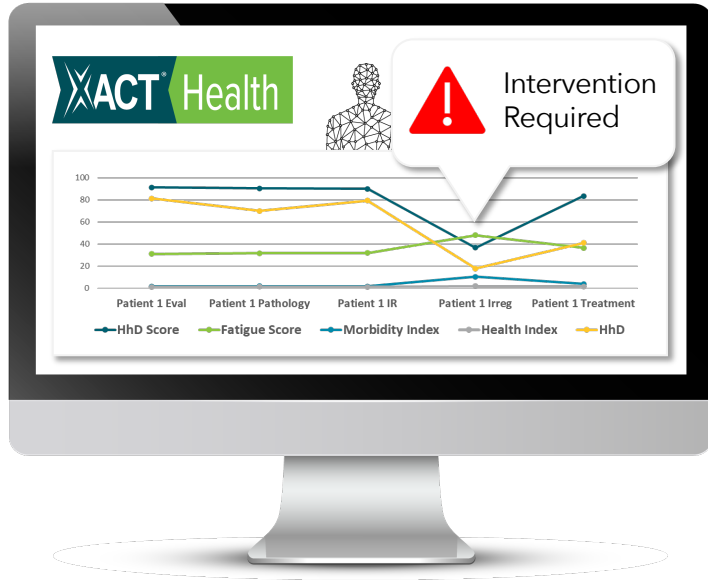ACT® Health

Digital Twin Clinical Decision Support

Cut costs and improve patient outcomes with personalized cancer prevention

URMGROUP

Solution: Precision, Digital Twin-based Cancer Prevention Decision Support

Easy to interpret health scores expose whether a patient is at risk for cancer and measures the impact

Accurate predictions based on the patient's unique circumstances informs personalized interventions

Tracking the evolution of health allows for the right preventive care at the right time

Market Impact

€199b
annual EU cancer costs

3.9m
annual EU cancer cases

1.9m
cancer deaths

€100k
cost per death

European Journal of Cancer (2018)
https://doi.org/10.1016/j.ejca.2018.07.005

Accelerate time to solution with X-ACT:

15% ↓
estimated reduction in EU cancer costs and deaths
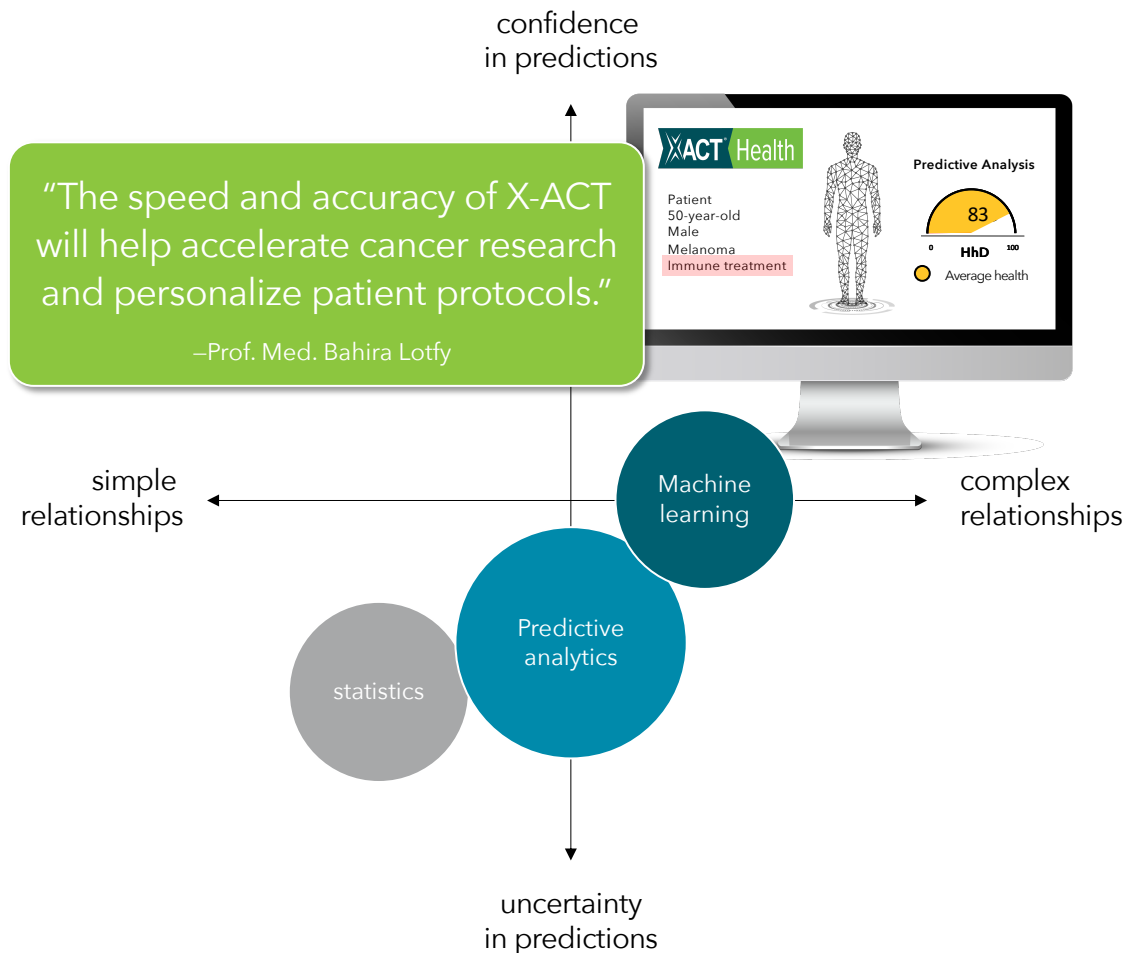
+ 285,000
EU citizens' lives saved from cancer annually

+ €28.1b
annual savings in EU cancer related health expenditures

*estimated YEAR 3 PROJECTIONS

Competitive Advantage

With **X-ACT**® Health users can:

- Study **many-to-many** relationships for a specific patient

- Find **answers** to complex questions

- **Learn** something new

- Make decisions with **confidence** in the outcome

"The speed and accuracy of X-ACT will help accelerate cancer research and personalize patient protocols."

–Prof. Med. Bahira Lotfy

confidence in predictions

simple relationships

complex relationships

uncertainty in predictions

Machine learning

Predictive analytics

statistics

XACT® Health

Patient
50-year-old
Male
Melanoma
Immune treatment

Predictive Analysis

83

0   HhD   100

Average health

Go-to-Market

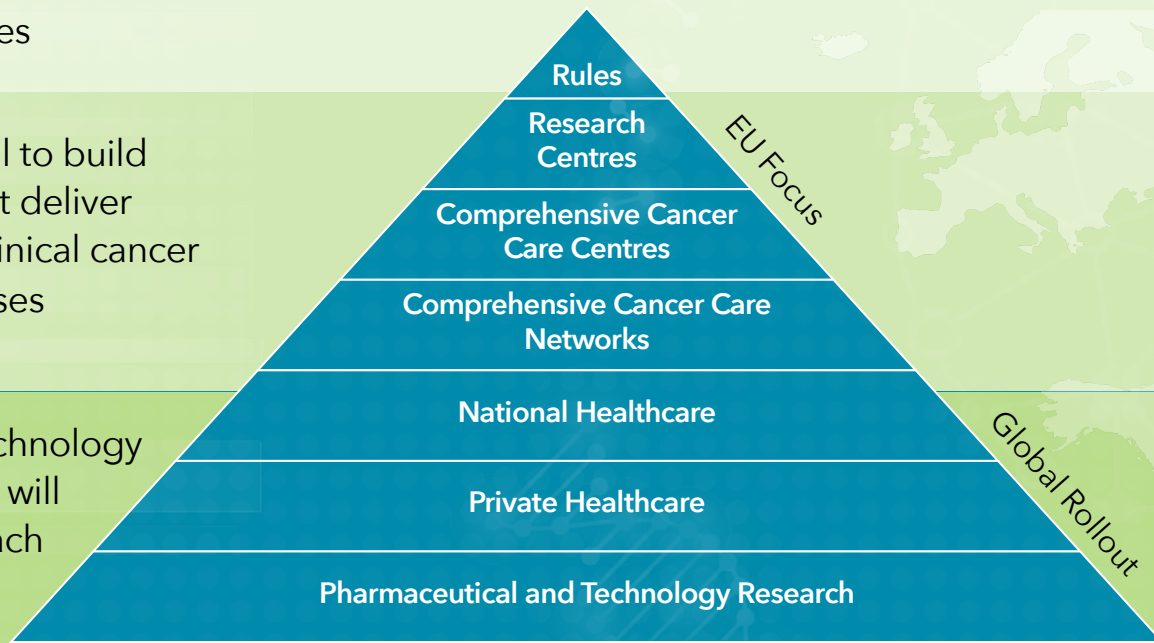**present** — Cancer POC demonstrates applicability of X-ACT Health for cancer use cases

2022 - 24 — EIC support critical to build robust models that deliver new insights for clinical cancer prevention use cases
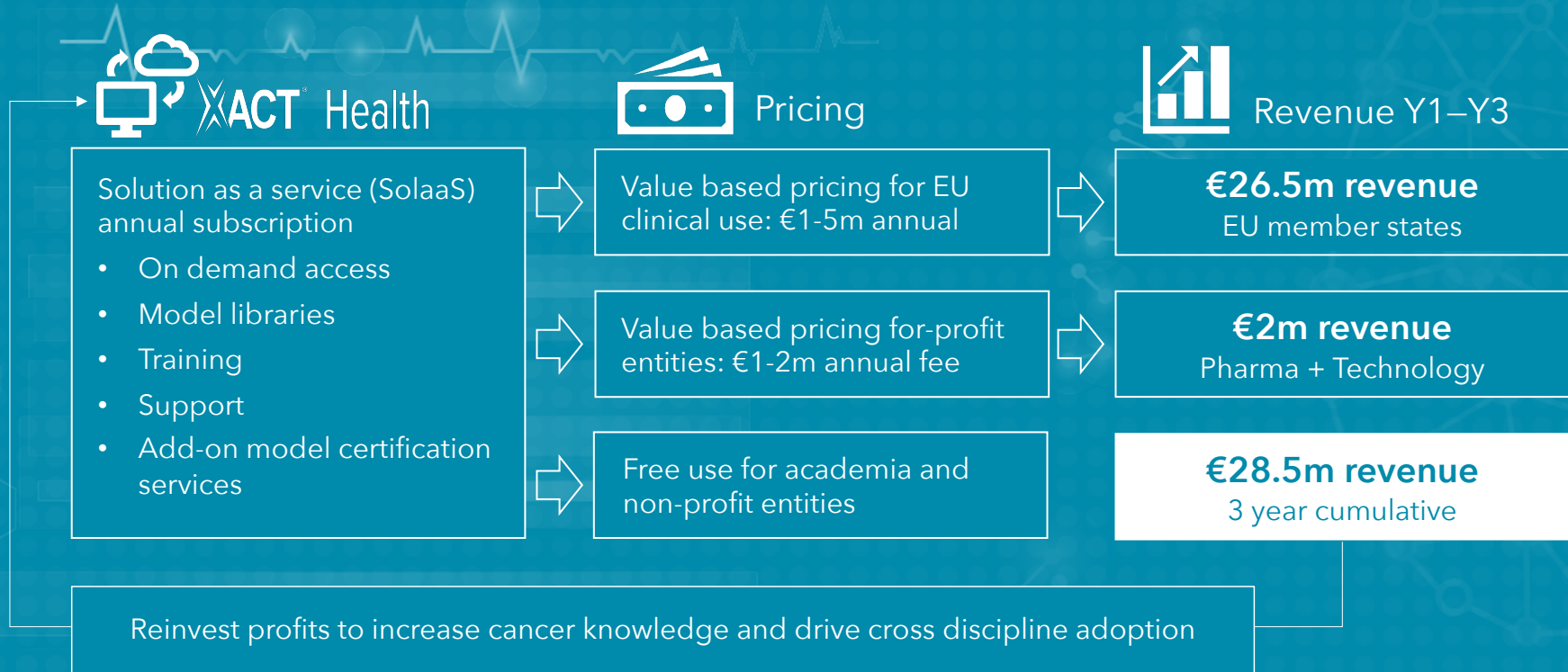
2025+ — Partnering with technology solution providers will amplify market reach

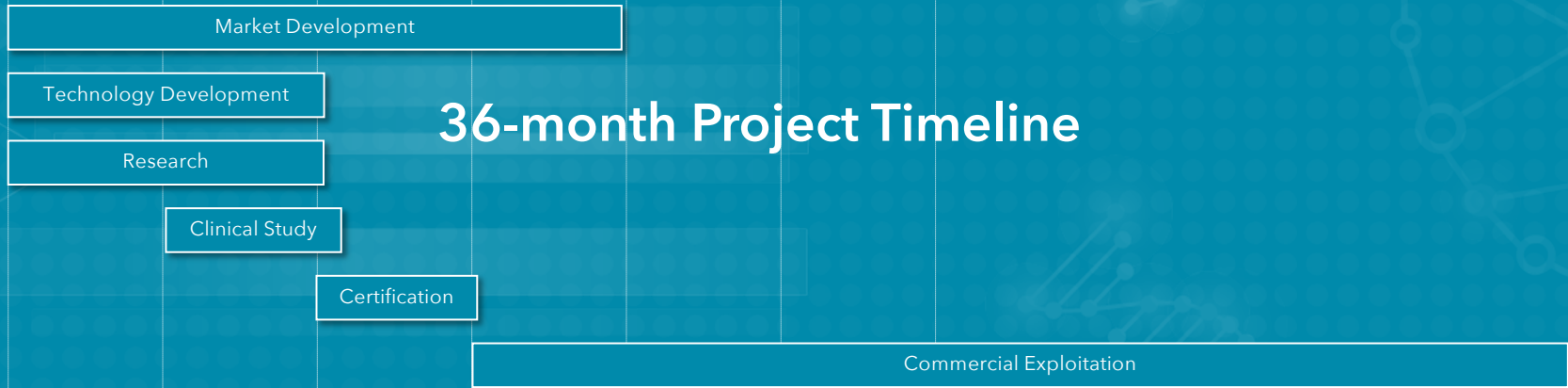**Value of X-ACT proven through engagements with 350+ customers worldwide**

Rules

Research Centres

Comprehensive Cancer Care Centres

Comprehensive Cancer Care Networks

National Healthcare

Private Healthcare

Pharmaceutical and Technology Research

EU Focus

Global Rollout

Business Model

XACT® Health

Solution as a service (SolaaS) annual subscription

- On demand access
- Model libraries
- Training
- Support
- Add-on model certification services

Pricing

Value based pricing for EU clinical use: €1-5m annual

Value based pricing for-profit entities: €1-2m annual fee

Free use for academia and non-profit entities

Revenue Y1–Y3

€26.5m revenue
EU member states

€2m revenue
Pharma + Technology

€28.5m revenue
3 year cumulative

Reinvest profits to increase cancer knowledge and drive cross discipline adoption

Conclusion

X-ACT Health delivers novel, easy to interpret health scores that expose whether a patient is at risk for cancer. Using AI to track health, clinicians can justify preventative care before symptoms appear. This will cut the cost of cancer care and improve the well-being of EU citizens.

European Commission

XACT™ health

- Precision digital twin
- Predictive diagnosis
- Preventive decisioning