

**SPRIN-D**

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SPRIND MISSION  
SCOUTING, SUPPORTING AND DEVELOPING INNOVATIONS  
WITH BREAKTHROUGH POTENTIAL



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NEW(ISH) KID ON THE BLOCK

ONCE UPON A TIME...

WE ARE TECHNOLOGY AGNOSTIC

PROJECTS ARE SOURCED THROUGH TWO MECHANISMS:  
BOTTOM-UP & TOP-DOWN

CURRENT STATE OF PLAY:

- 1280+ BOTTOM-UP APPLICATIONS REVIEWED
- 45+ PROJECTS SELECTED (~4-5% SUCCESS RATE)
- 6 SPRIND-CHALLENGES LAUNCHED
- 24 CHALLENGE TEAMS FUNDED (PHASE 1 & 2)





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## HOW ARE WE EVALUATING BREAKTHROUGH POTENTIAL?

DOES THE PROPOSED INNOVATION HAVE THE POTENTIAL TO CREATE AN ENTIRELY NEW MARKET? DOES IT QUESTION ESTABLISH WAYS OF DOING THINGS IN A FUNDAMENTAL NEW WAY?

DOES THE PROPOSED INNOVATION HAVE THE POTENTIAL TO CREATE AN ENTIRELY NEW INNOVATION ECOSYSTEM?

DOES THE PROPOSED INNOVATION ADDRESS A SIGNIFICANT MARKET FAILURE?



## WHERE DO WE SEE OUR CONTRIBUTION TO THE INNOVATION ECOSYSTEM?

- We focus on bridging the ,valley of death‘ (TRL 3-6)
- We are looking for innovation breakthroughs
- We offer ,smart & patient‘ money
  - We see ourselves as partners to our innovators
- We are not a fund (yet)
  - Challenge to spend public money in an agile way
    - Validation studies ( < 200k)
    - Middle segment – under construction
    - Big tickets through the set-up of subsidiaries and research collaborations (20-50m over 5 years)

A close-up photograph of a hand holding a white chess piece, likely a king, positioned directly above a black chess piece, also a king, on a checkered chessboard. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the textures of the pieces and the hand. The background is dark, making the chessboard and pieces stand out.

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# SPRIND CHALLENGES

- BROADSPECTRUM ANTIVIRALS
- CARBON TO VALUE
- LONG DURATION ENERGY STORAGE
- NEW COMPUTING CONCEPTS
- TRANSMISSION BLOCKING ANTIVIRALS
- CIRCULAR BIOMANUFACTURING



## SPRIND CHALLENGES: USING PRE-COMMERCIAL PROCUREMENT (PCP) AS FUNDING MECHANISM

- PRE COMMERCIAL PROCURMENT AS A FLEXIBLE FUNDING MECHANISM
  - COMMISSIONED R&D SERVICES ALLOWS FUNDING OF UP TO 100 PERCENT
  - APPLICATIONS OPEN INTERNATIONALLY – NO NEED FOR COMPLEMENTARY FUNDING FROM NATIONAL AGENCY
  - IP STAYS WITH THE TEAM
  - FLEXIBLE FUNDING & STREAMLINED REPORTING
  - FAST PROCESS – 12 WEEKS FROM CALL FOR SUBMISSIONS TO CONTRACTS ON THE TABLE



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## NEW SPRIND CHALLENGE: CIRCULAR BIOMANUFACTURING

Developing an end-to-end prototype that processes various carbonaceous waste streams into new products as a continuous bioproduction process.

WEBINAR: 28.July, 15:00-16:00

DEADLINE: 17.September 2023

FURTHER INFORMATION:

<https://www.sprind.org/en/challenges/biomanufacturing>

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SPRIND UNCHAINED: DAS ‚SPRIND-FREIHEITSGESETZ...  
WE CAN'T WAIT







THANK YOU VERY  
MUCH FOR YOUR  
ATTENTION

ANY QUESTIONS?

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