

Biotech Booster Level 1 Application Form

This Level 1 application form contains sections around the team, technology and business case, as well as a project plan. In addition, a budget form and a short video introduction will be part of the full application.

Evaluation criteria

Each Level 1 subsidy application is assessed on the basis of the application form using the [assessment criteria of article 11, Appendix 1 of the subsidy scheme](#) below:

1. Fits within the objective of the subsidy scheme
2. Quality of the project team
3. Societal relevance
4. Degree of Innovation
5. Commercial feasibility
6. Realistic planning

Innovation Readiness Levels

Biotech Booster uses Innovation Readiness Levels (IRLs) to describe and evaluate the maturity of the project from different valorization perspectives.

- The IRLs are reflected in the explanatory questions in several sections of the application form.
- In the project plan, please indicate for each work package which IRL(s) the activities and deliverables are expected to address. This helps reviewers understand how the project contributes to the overall readiness of the innovation and how the proposed activities support progression.

For more background on the IRL framework and the different readiness levels, please consult the [KTH Innovation Readiness Level Explanation Document](#). Please note that for health related projects, the Regulatory Readiness Level is used, based on the [Pure Biotech Milestones Framework](#).

How to use this form

- The blue-colored sections contain an explanation about what we expect you to elaborate on in the tables and elaboration sections.
- Complete all tables.
- Complete all elaboration sections. Stick to the maximum number of characters that are specified for each of these sections.
- Add figures in the designated section below the elaboration section. You can add a maximum of 1 figure per section (where indicated).

General Information		
Project name		
BB Number	BB27XXX	
Thematic Cluster		
Project leader	Name & Organization	Email
Business/Impact Developer Biotech Booster	Name	Email

Quality of the Team

In this section, describe who is involved in the team and what they are contributing. Also describe how you will work together on this project.

Do this by:

- Filling in the Table 1 below
- Elaborate below Table 1 what experience the team members have in their roles and how the team intends to work together to execute the plan
- If you have any advisors, mention them shortly in a list
- Describe the current Team Readiness Level (including motivation, see explanation)

Use the questions below for guidance:

- Do you have entrepreneurial or business experience in the team, or should you involve advisors/consultants?
- Elaborate in table 1 how much time each team member will spend on the project, who owns business development and customer contact, and does the Project Leader have sufficient availability?

Table 1: Overview core project team

Main applicant		
[ORGANIZATION NAME]		
Name	Role*	Expertise
Name	Role*	Expertise
Name	Role*	Expertise
Name	Role*	Expertise
Project partner 1 (only if applicable):		
[ORGANIZATION NAME]**		
Name	Role*	Expertise
Name	Role*	Expertise
Project partner 2 (only if applicable):		
[ORGANIZATION NAME]**		
Name	Role*	Expertise
Name	Role*	Expertise

*Role at the organization and within the project **Also mention other partners (SME/Knowledge institution/other) and their role. Please note: if there is/are 1 or more project partner(s) beside the main applicant, a consortium agreement is needed for application to the program.		
Elaboration on Quality of the team		
<i>Maximum 2500 characters including spaces</i>		
Missing Expertise		
<i>Maximum 500 characters including spaces</i>		

Societal relevance

Describe here the societal relevance of your technology. This is to understand better why this technology is necessary and who will benefit from this. You may include 1 figure, e.g. a graph or visualization. Use the questions below as guidance

- What problem do you intend to solve? What need(s) have you identified for this problem?
- How does the project offer a solution to the problem? Include innovative aspects/uniqueness.
- Who benefits from this technology?
- Refer to the specific sustainable development goals that are addressed in the project.

Elaboration on Societal Relevance

Maximum 2500 characters including spaces

Figure Societal Relevance

Figure (optional)

Degree of innovation

Describe here the technology you want to valorize. What is novel about this technology, and what sets it apart from current technologies? Also, describe the current stage of development (TRL level). You may include 1 figure, e.g. a graph or visualization. Use the questions below for guidance:

- Describe the innovation and the current technology readiness level (including motivation)
- On what results and/or insights from scientific research is the project based? Cite publications, if you have any.
- What is the added value of the solution for the intended users/customers?

Elaboration on Degree of Innovation

Maximum 4000 characters including spaces

Figure Degree of Innovation

Figure (optional)

Commercial feasibility

Describe here how you intend to valorize the innovation and what the market looks like based on (preliminary) market analysis. Think about market size, market entry strategy, potential users/customers and IP strategy. Describe also the competitors in the market and what sets you apart. Fill in tables 2, 3 and 4 and refer to your tables in the elaboration. You may include 1 figure, e.g. a graph or visualization.

Use the questions below for guidance:

- Who is the customer, and what problem are they trying to solve (and willing to pay for)?
- Which assumptions did you validate with your potential customer? (e.g. willingness to pay)
- What milestones must be achieved in Level 1 to demonstrate commercial viability?
- What is the market size? And what segment are you aiming to capture? You can make use of the TAM-SAM-SOM model
- Why is your solution better than alternatives/competition in the target market(s)?
- Describe the current IPR readiness level (including motivation).
- For Table 2: Identify all relevant competitors and the key features of your technology. For each feature, briefly describe how your technology and each competitor perform. Table 2 provides some general examples. You can use a different format if it better suits your analysis.
- For Table 3: What are the known risks in the development of the innovation, both on the technical and commercial aspects? What is the likelihood and impact of these risks? How do you intend to mitigate them?
- For Table 4: What is the current IP situation? What is the IP strategy for the results of this project?

Elaboration on Commercial Feasibility

Maximum 6500 characters including spaces

Figure Commercial Feasibility

Figure (optional)

Table 2: Competitive analysis

Feature	Own technique	Competitor 1	Competitor 2	Competitor #
<i>Efficacy/product performance/accuracy</i>	<i>Good</i>	<i>Good</i>	<i>Medium</i>	<i>Bad</i>
<i>Safety</i>	<i>No off target</i>	<i>Some off-targets (xyz)</i>	<i>No off target</i>	<i>May off-targets (xyz)</i>
<i>Stability</i>	<i>Medium stability</i>	<i>High stability</i>	<i>Low stability</i>	<i>High stability</i>
<i>Development stage</i>	<i>Pre-clinical</i>	<i>Pre-clinical</i>	<i>Phase II</i>	<i>Phase I</i>
<i>Reproducibility/scalability</i>	<i>Good</i>	<i>Good</i>	<i>Low</i>	<i>Medium</i>
<i>Cost of goods</i>	<i>Low</i>	<i>High</i>	<i>Medium</i>	<i>Low</i>

<i>IP position</i>	<i>Own patents, strong</i>	<i>Strong patent</i>	<i>Dependent on licensing may patents</i>	<i>Old patent, weak</i>
<i>Exc.</i>				

Table 3: Risk analysis

Technical Risk	Likelihood	Impact	Mitigation of risk
	<i>small/medium/large</i>	<i>small/medium/large</i>	
	<i>small/medium/large</i>	<i>small/medium/large</i>	
	<i>small/medium/large</i>	<i>small/medium/large</i>	
Commercial Risk	Likelihood	Impact	Mitigation of risk
	<i>small/medium/large</i>	<i>small/medium/large</i>	
	<i>small/medium/large</i>	<i>small/medium/large</i>	
	<i>small/medium/large</i>	<i>small/medium/large</i>	

Table 4: Existing IP

Background Patent# / Know-how	Patent name / Description	Owner(s)	Existing rights incl field

Level 1 Project Plan and Realistic planning

This section should provide a structured overview of the project's planned activities¹, go/no go moments, milestones and deliverables. You may include 1 figure, e.g. a graph or a visualization.

Divide the project into one or more work packages and describe each work package, including objectives, key activities, and expected outcomes in relation to the Innovation Readiness Levels. Indicate how tasks within and across work packages depend on one another. For all WP's, fill in the Gantt Chart in Table 5 and describe the deliverables (in a SMART fashion) in Table 6. Try to minimize the amount of WP's as much as possible. Split out the activities per partner.

Note: Biotech Booster promotes valorization of research activities. Therefore, the activities funded by this program should primarily focus on valorization and business development, such as business plan development, market analysis, customer validation and competitor analysis.

Research or technical activities may be included, but only where they directly support these valorization activities and are necessary to achieve the Level 1 deliverables. **For all level 1 projects, there is a mandatory WP.01 to work on a business plan and a pitch deck to prepare for Biotech Booster level 2. Feel free to expand this WP with other valorization/business development-related activities.**

Lastly, fill in the budget application form. This budget should include a rough estimate of costs for temporary staff, expertise, material/resources, co-funding (permanent staff, IP-costs, housing). Please note that a maximum of 1/3 of the total project budget can be allocated to personal costs (for non-permanent staff). Costs for IP protection cannot be covered by the subsidy. We recommend to run this budget past your local KTO, grant office and/or financial controller. If available, the team is encouraged to attach quotes from service providers for the outsourced activities. If you provide in-kind contributions, this will have an effect on the total project budget.

Use the questions below for guidance:

- How much budget goes to commercial versus technical activities, have you mapped the value chain from production to end-user, and when will you need additional funding (with lead time and buffer)?
- Is your project planning realistic regarding instrument access and lab capacity, and do you have freedom-to-operate or are there IP conflicts to address?

Work package x:

Objective:

Activities:

Deliverables:

Corresponding IRL(s): (Options: Customer Readiness Level – CRL, Technology Readiness Level – TRL, Business Model Readiness Level – BRL, IPR Readiness Level –

¹ These activities are based on the AGV art. 22, 25 and 28. You can choose the following options: - Fundamental research, - Industrial research, -Experimental development, -Feasibility study, -Innovative activities for SME and -Activities start-up companies.

IPRL, Team Readiness Level – TMRL, Funding Readiness Level – FRL, Regulatory Readiness Level – RRL) Responsible team:
Elaboration on Level 1 Project Plan and Realistic Planning <i>(maximum 5000 characters including spaces, excluding figures and tables)</i> Work package 01: Valorization and business development Objective: e.g. to create a clear, compelling, and investor-ready business plan and pitch deck that articulate the market opportunity, competitive positioning, and growth strategy of the company. Activities: Deliverables: A business plan and pitch deck that are in line with the expectations of Biotech Booster level 2 Corresponding IRLs: CRL, BRL, IPRL, TMRL, FRL Responsible team
Figure Level 1 Project Plan and Realistic Planning <i>Figure (optional)</i>

Tabel 5: Gantt Chart for the first and second project years

Work package	Description of task describing: 'what are you going to do?'	Activity defined AGVV ²	as by	Partner responsible	M1: xxx		Project year 1									
					M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
WP.01	Mandatory: Business plan and pitch deck development	Select activity														
WP.02	<i>e.g. lab work leading to e.g. technical proof of principle described in a report</i>	Select activity		<i>e.g. main applicant</i>												
WP.02	<i>e.g. lab work leading to e.g. technical proof of principle described in a report</i>	Select activity		<i>e.g. project partner (if available)</i>												
WP.03	<i>e.g. valorisation activities, business case development</i>	Select activity		<i>e.g. main applicant</i>												
WP.03	<i>e.g. valorisation activities, business case development</i>	Select activity		<i>e.g. project partner (if available)</i>												
		Select activity														

Work package	Description of task describing: 'what are you going to do?'	Activity defined by AGVV	as	Partner responsible	Project year 2											
					M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
WP.01	Mandatory: Business plan and pitch deck development	Select activity														
WP.02	<i>e.g. lab work leading to e.g. technical proof of principle described in a report</i>	Select activity		<i>e.g. main applicant</i>												

² These activities are based on the AGVV art. 22, 25 and 28. You can choose the following options: - Fundamental research, - Industrial research, -Experimental development, -Feasibility study, -Innovative activities for SME and -Activities start-up companies.

WP.03	e.g. valorisation activities, business case development	Select activity	e.g. project partner												

Tabel 6: Deliverables per WP with expected delivery date

Work package	Deliverables (SMART) to be reported upon	Expected date to reach deliverable
WP.01	Mandatory: A business plan and pitch deck that are in line with the expectations of Biotech Booster level 2	(End of the project)
WP.02		
WP.03		