

# ODYSSEUS TYPE I

## 1. Competence of the Odysseus applicant

D	C	B-	B	B+	A-	A	A+
0	1	2	3	4	5	6	7
Unacceptable	Not competitive	Fair/Reasonable	Good/Very good		Excellent/Outstanding		

### 1.a. International recognition and scientific independence

*To what extent (1) has the applicant demonstrated to be able to propose and conduct ground-breaking research, (2) is the applicant respected within the international community, (3) can the applicant rely on an international network, and (4) is the applicant an independent researcher.*

*Taking into account the scientific seniority of the applicant and where appropriate allowing for mentioned career breaks, assess the applicant's track record and scientific contribution to the state-of-the-art as evidenced by a range of scientifically relevant activities and achievements. Hereby focus on the quality (rather than the quantity) and impact of the publication record, as well as other meaningful scientific output and achievements. Examples of other output include: data bases, surveys, technical diagrams, software, objects (maquettes, prototypes...), granted patents, (keynote) lectures at (scientific) meetings, organisation of such meetings, organisation of or participation in exhibitions, and activities as a scientific evaluator. Examples of other achievements include education activities, supervision of pre- and postdoctoral researchers, institutional responsibilities (governance, administration, ...), membership of scientific organisations, societies, networks, R&D services provided to third parties, sabbaticals, relevant training, and scientific awards. Consider a variety of scientific or other (societal, economic, ...) impact beyond publications and obtained research funding.*

<p>The applicant is <b>not (inter)nationally recognized at all</b> in their field(s) of research. Taking into account a variety of skills, activities and achievements their track record shows no signs of state-of-the-art research. They have no or can only rely on a very limited network, AND/OR They were not able to secure project funding yet, AND/OR They have no expertise in leading/training a team of researchers.</p>	<p>Although <b>locally recognized</b>, the applicant has no strong international reputation. Taking into account a variety of skills, activities and achievements their track record shows very limited signs of state-of-the-art research. The vast majority of the applicants' work is incremental in nature. They are predominantly locally networked, AND/OR They were only able to secure limited national project funding, AND/OR They only have occasional expertise in leading/training of a team of researchers.</p>	<p>The applicant in an <b>expert</b> in their field <b>with a growing international reputation</b> in their field of research. Taking into account a variety of skills, activities and achievements their track record shows some important signs of state-of-the-art research, however, a considerable part of it remains rather incremental in nature. They are rather locally networked with growing signs of international embedding, AND/OR They have been able to secure some (inter)national project funding; AND/OR They only recently started to gain experience in leading/training a team of researchers.</p>	<p>The applicant is a <b>solid expert</b> in their field of research <b>with a profound international reputation</b>. Taking into account a variety of skills, activities and achievements, their scientific track record shows a significant number of clear signs of predominantly state-of-the-art research, pushing the boundaries of the field(s) in which they are active. This might have resulted in some awards, among other elements of recognition. The applicant is well-networked internationally, was already able to secure substantial (inter)national project funding and has considerable experience in leading/training a team of researchers.</p>	<p>Taking into account a variety of skills, activities and achievements, the applicant is an <b>international authority</b> in their field of research, widely recognized for their ground-breaking contribution(s) through a range of scientifically relevant activities/achievements that go far beyond the state-of-the-art in their domain and might have impacted other domains as well. This is reflected in the scientific track record of the applicant and has resulted in various prestigious awards, honours, invited key note lectures at main events in- and/or outside their domain, among other elements of recognition. The applicant has an extensive international network, is able to secure high-level project funding both at a national and international level, and demonstrated a clear ability to independently lead/train a team of researchers.</p>
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### 1.b. Competences and motivation

*Assess (1) whether the applicant has the right scientific background/competences to perform the proposed research, and (2) whether the applicant shows proper motivation and commitment to pursue the proposed research (e.g. motivation statement).*

<p>The applicant <b>lacks the expertise/knowledge and necessary skills</b> to perform the proposed research. As a result, one can expect that the scientific goals laid out in the project proposal will not be reached, not even with the help of others. The applicant does not come across as motivated/committed.</p>	<p>The applicant <b>lacks significant expertise/knowledge and/or the necessary skills</b> to perform most of the proposed research. Only with the help of others, some of the goals will be (partially) reached. Very limited motivation/commitment is given/shown by the applicant to pursue the proposed research.</p>	<p>The applicant <b>lacks some of the expertise/knowledge and/or necessary skills</b> to perform some of the proposed research. As a result, one can expect them not to independently reach all of the goals laid out in the project. Their motivation/commitment to pursue the proposed research could be more convincing.</p>	<p>The applicant <b>has the required expertise/knowledge and necessary skills</b> to perform the proposed research. The applicant is a <b>creative thinker</b> allowing them to independently reach most of the scientific goals laid out in the project proposal. Their motivation/commitment to pursue the proposed research is well-built.</p>	<p>The applicant's <b>expertise/knowledge/skills go beyond those required to conduct the proposed research</b>. They are an <b>adaptive, autonomous, innovative and visionary thinker</b> allowing them to independently reach all the scientific goals laid out in the project proposal. The applicant's motivation/commitment to pursue the proposed research is elaborated in an excellent way.</p>
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## ODYSSEUS TYPE II

### 1. Competence of the Odysseus applicant

D	C	B-	B	B+	A-	A	A+
0	1	2	3	4	5	6	7
Unacceptable	Not competitive	Fair/Reasonable		Good/Very good		Excellent/Outstanding	

#### 1.a. Track record of the applicant and potential to become a leading figure in the field

*To what extent has the applicant (1) an emerging scientific reputation and an upward scientific trajectory, (2) the potential to become an independent researcher and establish their own research group.*

*Taking into account the scientific seniority of the applicant and where appropriate allowing for mentioned career breaks, assess the applicant's track record and scientific contribution to the state-of-the-art as evidenced by a range of scientifically relevant activities and achievements. Hereby focus on the quality (rather than the quantity) and impact of the publication record, as well as other meaningful scientific output and achievements. Examples of other output include: data bases, surveys, technical diagrams, software, objects (maquettes, prototypes...), granted patents, (keynote) lectures at (scientific) meetings, organisation of such meetings, organisation of or participation in exhibitions, and activities as a scientific evaluator. Examples of other achievements include education activities, supervision of pre- and postdoctoral researchers, institutional responsibilities (governance, administration, ...), membership of scientific organisations, societies, networks, R&D services provided to third parties, sabbaticals, relevant training, and scientific awards. Consider a variety of scientific or other (societal, economic, ...) impact beyond publications and obtained research funding.*

The applicant has <b>no demonstrated background at all</b> in proposing and/or performing ground-breaking research.	The applicant has up to now shown <b>very limited capabilities</b> to propose and/or perform ground-breaking research, AND/OR despite an earlier upward trajectory, their scientific performance is stalling.	The applicant is a <b>growing expert</b> in their field with a <b>limited international reputation</b> . Although their track record (evaluated in relation to their scientific seniority as well as taking a variety of skills, activities and achievements into account) shows some signs of state-of-the-art research, a considerable part remains incremental in nature. They show signs of growing international embedding. Despite limited experience in securing (inter)national project or other types of funding and/or leading/training a team of researchers, the applicant has given clear evidence of an upward trajectory and the potential to become an expert in their field of research.	The applicant is an <b>expert</b> in their field with a <b>growing international reputation</b> in their field of research. Taking their scientific seniority as well as a variety of skills, activities and achievements into account, their track record shows important signs of state-of-the-art research. They are well-networked internationally, were able to secure some (inter)national project or other types of funding and have considerable experience in leading/training a team of researchers. The applicant undoubtedly has the potential to become an international expert in their field of research.	The applicant is a <b>solid expert</b> in their field of research <b>with a profound international reputation</b> . Taking their scientific seniority into account, their scientific track record, through a range of skills, activities and achievements, shows clear signs of predominantly state-of-the-art research, pushing the boundaries of the field(s) in which they are active. This has resulted in some awards, among other elements of recognition. The applicant has an extensive international network, was already able to secure competitive (inter)national project or other types of funding and has significant experience in leading/training a team of researchers. The applicant has the potential to become an international authority well-respected in their field of research and beyond.
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#### 1.b. Competences and motivation

*Assess (1) whether the applicant has the right scientific background/competences to perform the proposed research, (2) whether the applicant is acquiring the proper skills in terms of the anticipated career development, and (3) whether the applicant shows proper motivation/commitment to pursue the proposed research (e.g. motivation statement) and has a realistic vision on their professional future.*

The applicant <b>lacks the expertise/knowledge and necessary skills</b> to perform the proposed research. As a result, one can expect that the scientific goals laid out in the project proposal will not be reached, not even with the help of others. The applicant does not come across as motivated/committed to pursue the proposed research and/or an academic career.	The applicant <b>lacks significant expertise/knowledge and/or the necessary skills</b> to perform most of the proposed research. Only with the help of others, some of the goals will be (partially) reached. Very limited motivation/commitment is given/shown by the applicant to pursue the proposed research and/or an academic career.	The applicant <b>lacks some of the expertise/knowledge and/or necessary skills</b> to perform the proposed research. As a result, one can expect them not to independently reach some of the goals laid out in the project. Their motivation/commitment to pursue the proposed research and/or an academic career could be more convincing.	The applicant <b>has the required expertise/knowledge and necessary skills</b> to perform the proposed research. The applicant is a <b>creative thinker</b> allowing them to independently reach most of the scientific goals laid out in the project proposal. Their motivation/commitment to pursue the proposed research and an academic career well-built.	The applicant's expertise/knowledge/skills go beyond those required to conduct the proposed research. They are an <b>adaptive, autonomous, innovative and visionary thinker</b> allowing them to independently reach all the scientific goals laid out in the project proposal. The applicant is strongly motivated/committed to pursue to proposed research and has a bright, concrete and realistic vision on their professional future.
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## ODYSSEUS TYPE I AND II

2. Scientific quality of the research project							
D	C	B-	B	B+	A-	A	A+
0	1	2	3	4	5	6	7
Unacceptable	Not competitive	Fair/Reasonable		Good/Very good		Excellent/Outstanding	
<b>2.a. Scientific added value, rationale and originality</b> <i>The targeted research goals of an Odysseus research proposal must contribute to the current international state-of-the-art. To what extent is the proposal original and will it generate knowledge that goes beyond the state-of-the-art (e.g. novel concepts or novel approaches)? Does the Odysseus project contain a strong rationale and robust/original hypothesis, does it propose innovative methodological approaches?</i>							
<p>The targeted research goals are not original at all, the project does not build upon the international state-of-the-art and will not offer an added value to the state-of-the-art in its domain.</p> <p>AND/OR</p> <p>The proposed research has been studied before (duplicate of previous studies).</p> <p>AND/OR</p> <p>The rationale and hypothesis are completely lacking.</p>	<p>The targeted research goals are not very original and their innovative character is limited. The planned research activities will not result in much added value for the domain, but are rather a catching up with respect to the international state-of-the-art.</p> <p>AND/OR</p> <p>The rationale and hypothesis are somehow lacking and/or rather weak.</p>	<p>The project is moderately original and/or the targeted research goals are primarily incremental in terms of contribution to the current state-of-the-art. The rationale and hypothesis are present, however, not sufficiently elaborated.</p>	<p>The targeted research goals are timely, innovative and original. The research results will contribute clearly to the current international state-of-the-art in the scientific domain. The rationale is strong and hypothesis is clear.</p>	<p>The project is timely and addresses important challenges. It is unique, extremely original, and it distinguishes itself in an outstanding manner from ongoing research efforts at the international level. It is a pioneering project based on a ground-breaking rationale and challenging objectives, concepts and research strategies that go beyond the state-of-the-art with a very high potential for impact.</p>			
<b>2.b. Research approach and feasibility</b> <i>An Odysseus research proposal must be scientifically challenging and nonetheless feasible. To what extent is the outlined scientific approach challenging, feasible and focussed, bearing in mind the project, the requested budget and a project duration of five years? Is the proposed research approach/methodology sufficiently detailed and in line with the state-of-the-art?</i>							
<p>The research methodology is inappropriate/not suited to reach the scientific goals, is overall vaguely described/lacking or irrevocably outdated compared to the state-of-the-art.</p> <p>AND/OR</p> <p>The project is not feasible and/or not focussed at all, because e.g. it involves too many planned activities (too broad).</p> <p>AND/OR</p> <p>The project is not ambitious at all and does not require the budgets made available by the Odysseus program at all or could be finished in much less than five years' time.</p>	<p>The research approach shows significant weaknesses/shortcomings or is poorly described. Significant improvement is needed to meet the state-of-the-art.</p> <p>AND/OR</p> <p>The feasibility and/or focus of the scientific project objectives are doubtful.</p> <p>AND/OR</p> <p>Overall the project is not ambitious enough given the requested budget and/or timeframe.</p>	<p>The research approach is appropriate, but lacks some elements (could have been more detailed) and/or contains some shortcomings. The methodology is reasonably innovative.</p> <p>AND/OR</p> <p>The project is feasible, but could've been more focussed. As a result, it is likely that the scientific goals will only be partially reached.</p> <p>AND/OR</p> <p>Despite some ambitious aspects, the project could have been somewhat more challenging given the requested budget and/or timeframe.</p>	<p>The proposed methodology is (very) well elaborated, state-of-the-art, relevant and suitable to reach the targeted scientific objectives. There are some minor gaps and/or shortcomings, however, not significant in nature.</p> <p>AND</p> <p>The balance between the challenging nature and feasibility of the scientific project objectives is (very) good. The work plan proposes an efficient use of the budget and the five-year time frame. Risk mitigation strategy is present.</p>	<p>The proposed methodology is the most relevant, efficient and effective approach to reach the scientific goals and is considered as international state-of-the-art or beyond in the domain. Each step in the methodology is described in detail making it perfectly clear.</p> <p>AND</p> <p>Excellent focus, optimal balance between high-level scientific challenges and intrinsic feasibility of the scientific project objectives. The work plan fits perfectly the five-year timeframe and requested budget. In addition, the proposal clearly identifies potential risks and proposes carefully designed alternative research strategies and 'fall back' options.</p>			