

CRITERIA AND PRINCIPLES OF PREPARING UNIT RANKING

Comparison of principles from 2020 and 2021

The annual summaries of the accomplishments of the MUW units are made in accordance with the principles applicable in the evaluation of disciplines specified by the Ministry of Science and Higher Education (MNiSzW/MEiN). The scope, criteria and scoring of the units' accomplishments correspond with the conditions of the evaluation which the scientific disciplines will be subject to in 2022.

The summary (ranking) of units shall include publications, projects and patents. There were applied scoring criteria and mechanisms identical with the evaluation ones. The current summary refers to the MUW units and covers 12 months; a part of the solutions relevant to the evaluation of entire disciplines and the five-year period of evaluation were modified or resigned from.

In the summary of the units' accomplishments for the year 2020:

- there were included publications of persons qualified as the N number in the unit as per the status for 31 December 2020. Contrary to the summary for 2019, the accomplishments of the persons employed on B/BD positions qualified for the N number in other units was not included;
- there were included publications, patents and research projects published/obtained in 2020;
- the basis for qualifying the work for the accomplishment of the unit were declarations submitted in the WUM.PUBLICATIONS system or work affiliation (only the declaration in the previous ranking);
- an additional $\times 0.75$ converter was applied for works with the score not exceeding 40 points of the Ministry of Science and Higher Education (MEiN);
- each of the authors, regardless of the role performed in the work, shall receive the same number of points;
- points for patents obtained in 2020 are awarded according to the evaluation principles, i.e. 75 points per national patent, 100 for international patent, 50 points for patents of MUW employee authorship, awarded to another entity than MUW; if there is more than 1 author of the patent qualified for the N number, equal division of points into authors qualified for N;
- as regards projects, points are awarded solely for research projects obtained in 2020, which will be assessed during the evaluation of disciplines, i.e. projects involving scientific research or development works financed under competitions by foreign institutions or international organisations, from EU budget funds or funds from the support of EFTA member states not subject to return, or from other non-refundable funds from foreign sources, tasks financed by the National Centre for Research and Development (NCBiR) and National Science Centre (NCN) and co-financed by the National Agency for Academic Exchange (NAWA); the score depends on the amount of the funding obtained, the role and composition of the partner group; the unit obtains 1 points per:
 - PLN 50,000 for projects implemented by MUW independently, performing the role of the leader, in a group of units belonging to the higher education system,

- PLN 25,000 for projects in which the leader is an entity from beyond higher education system;

The score is increased in a few cases:

- by 400 % in research financed by the European Research Council),
 - by 200 % in EU framework programmes in the scope of supporting research and innovation or under programmes related to the implementation of those programmes,
 - by 50 % in research financed by other than the above-mentioned foreign institutions or international organisations; with the contribution of foreign non-refundable funds;
- position of the unit in the 2021 ranking depends on the effectiveness (total number of points obtained in 2020 for publications, projects and patents/job position);
 - division of funds shall be proportional to the entire number of points for publication, obtained by the unit in 2020;
 - two rankings were prepared: ranking of units with the employment of up to 3 job positions inclusive and ranking of units with employment exceeding 3 job positions as well as one summary grouping all the units;
 - in 2021 the ranking is published; in 2020 the ranking of units was not published.

	Ranking 2020 (summary of accomplishments 2019)	Amended	Ranking 2021 (summary of accomplishments 2020)
Purpose of the summary			
Publication on WWW	NO	AMENDED	Principles of determining the position in the ranking (as below)
Applied in the subvention funds division?	<p>YES</p> <p>The score was the basis for the division of funds for 2020</p> <p>The below formula was applied:</p> <p>Unit financing for 2020 = score obtained by the unit in 2019 / sum of scores of all MUW units in 2019 * total subvention for scientific purposes allocated for MUW units for the year 2020</p>	<p>AMENDED</p> <p>In 2020, in the algorithm of funds division there was included the total score obtained by the unit.</p> <p>In 2021 there will be included solely the score for publications, without points for patents and projects.</p>	<p>YES</p> <p>Total score for Publications will be the basis for division of funds for 2020.</p>
PREPARATION – GENERAL PRINCIPLES			
Criterion	Ranking 2020 (summary of accomplishments 2019)	AMENDED	Ranking 2021 (summary of accomplishments 2020)
Period included in the summary	Calendar year preceding the period of summary.	UNCHANGED	Calendar year preceding the year of summary
Units included in the summary	The summary includes units employing persons qualified as the N number as per the status on 31 December 2019	UNCHANGED	The summary includes units employing persons qualified as the N number as per the status on 31 December 2019
Were accomplishments included in the summary?	The summary includes the accomplishments of the persons qualified for the N number within the unit, as per the as per the status on 31 December 2019 and accomplishments of the persons employed on B/BD positions qualified for the N number in other entities (based on the declarations on including the works in the MUW's accomplishments)	<p>AMENDED</p> <p>The summaries for 2020 do not include the accomplishments of persons who are not qualified for the N number at MUW.</p>	The summary includes the accomplishments of the persons qualified for the N number within the unit, as per the as per the status on 31 December 2019

Principles of building summaries	In the summary there were applied evaluation principles regarding the amount and manner of calculating points with a few changes (details below).	UNCHANGED	In the summary there were applied evaluation principles regarding the amount and manner of calculating points with a few changes (details below).
Were separate rankings prepared for each of the disciplines?	Does not apply. Rankings were not published	Does not apply	No. Lack of possibility of clear identification of the discipline due to employees' conducting research in more than one discipline.
Were separate rankings prepared for Faculties?	Does not apply. Rankings were not published	Does not apply	No. the Faculty code is provided in the summary next to the unit number.
Does the summary include the size of the units?	Does not apply. Rankings were not published	Does not apply	<p>Yes. Two rankings were prepared. Rankings for large units and ranking for small units.</p> <p>Small sizes shall be units with employment (as above) equal to or below 3 job positions.</p> <p>Large units shall be units of employment (as above) of more than 3 job positions.</p> <p>Moreover, a list grouping all the units was prepared.</p>
What determines the position in the ranking?	Does not apply. Rankings were not published	Does not apply	<p>Position in the ranking is determined based on effectiveness.</p> <p>The effectiveness index is the quotient of the sum of points and the number of job positions, where the divided number is the sum of points (for publications, projects and patents), and the divider is the number of job positions</p>
What kind of data were included in the summary?	Publications patents, projects,	UNCHANGED	Publications, patents, projects,

COMPILATION– DETAILED PRINCIPLES			
Publications – basis for accepting the publication for the employee's accomplishments	The basis for accepting the publication for the employee's accomplishments is the declaration submitted in the WUM.PUBLIAKCJE system with approval for MUW's presenting a given work as a MUW's accomplishment during the evaluation.	AMENDED The condition for including the work in the summary for 2020 was the submission of the declaration with an approval for including the work in the MUW's accomplishments. In 2021, apart from declarations there were also included works solely based on affiliation.	The basis for accepting the publication for the employee's accomplishments is a declaration submitted in the WUM.PUBLIAKCJE system with approval for MUW's presenting a given work as a MUW's accomplishment during the evaluation or AFFILIATION
Publications – types of works included in the summary	The summary includes types of works as per the principles of evaluation, excluding lists of other types of works not accepted in the evaluation	UNCHANGED	The summary includes types of works as per the principles of evaluation, excluding lists of other types of works not accepted in the evaluation
Publications – was slot limit applied in the summary?	No slot limits are applied in the summary of units	UNCHANGED	No slot limits are applied in the summary of units
Publications – were additional converters applied?	The total scores of the works complies with the scores assigned to a given journal.	AMENDED In 2020 no converters were applied depending on the total value of the publication. In 2021, the 0.75 converter was applied for works of the total score of 40 and below.	In the summary there is applied the converter referring to the total score of the journal. For works published in journals with Pc not higher than 40, a converter of 0.75 was applied. No converter related to the author's role was applied (first author, corresponding author, last author)
Monographs, scientific supervisions of monographs, chapters	Evaluation limits were not applied, i.e. without limitation of the number of monographs and number of monograph chapters	UNCHANGED	Evaluation limits were not applied, i.e. without limitation of the number of monographs and number of monograph chapters

Patents	Scope and manner of scoring according to evaluation principles. If there is more than 1 author of the patent qualified for N, equal division of points into authors qualified for N shall apply. Based on declarations including consents for settling the patent at MUW	UNCHANGED	Scope and manner of scoring according to evaluation principles. If there is more than 1 author of the patent qualified for N, equal division of points into authors qualified for N shall apply. Based on declarations including consents for settling the patent at MUW
Projects	The summary included all projects financed from external sources, including those not scored during the evaluation, e.g. Minister's programmes implemented by persons not meeting the evaluation criteria (not qualified for N or not employed on B/BD positions)	AMENDED In 2021 scoring of projects was limited solely to the projects fulfilling the evaluation criteria. In 2020 scoring was calculated with reference to all projects that obtained external funding.	Scope and manner of scoring according to evaluation principles