Talent

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Abstract. *Talenta* is not the talent, but it has been declared the abbreviation of: Tropical science and medicine, Agroindustry, Local wisdom, Energy, Natural resources, Technology and Arts. They directly involve science, technology and arts, and so it becomes a talent. However, there is no specific explanation so that science, technology and art to focus on the content of *Talenta*. This paper defines *Talenta* in order for the study to be focused in accordance with the interests of the development of appropriate knowledge, i.e. a clearly articulated definition.

1. Introduction
Every technology requires a foundation: the science [1]. Science requires philosophy as the base principles of knowledge [2]. In academic culture, the knowledge (whether the science or the technology) require a basic concept by defining it so that their characters, features, or privileges can be systematically expressed [3]. Describing concept and proving it logically in reasoning are its needs so as to provide a body of the acceptable knowledge related to the scientific fields already established [4], such as the relationship between mathematics and medicine or a relation that show the law depends on the logic, etc [5].

*Talenta*, a term that expresses its mean of establishment [6]. Philosophically, defining ideas and concepts about *Talenta* is to present a scientific implication about reasoning, and have the implementation, that is the technology as downstream of the knowledge development in related fields [7]. However, the meaning of the term *Talenta* is not related to a generally recognizable term, but the term is interpreted specifically to develop knowledge that is specifically a focus about the education, research, and community service. This paper intends to describe in particular the meaning of *Talenta*.

2. A review on the concept
*Talenta* (in Bahasa or Indonesia Language) [6], a term adopted, that is *talent*, which means is a *special often, general intelligence or mental power, a characteristic feature or an aptitude of a person*.1 In the education, research, and community service (we call them as *Triharka Perguruan Tinggi*) [7], therefore, we define *Talenta* as ability and potential to create and enhance

1 https://www.merriam-webster.com/dictionary/talent
science and develop technologies that are especially useful for human welfare. However, Talenta is an abbreviation consisting of several terms in the knowledge, i.e. **Tropical Science and Medicine, Agroindustry, Local Wisdom, Energy (sustainable), Natural Resources (biodiversity, forest, marine, mine, tourism), Technology (appropriate)** and **Arts (ethnic)** [6, 3]. Based on it, they have the potential are revealed to be a new science that is philosophically distinct from the exist science based on the basic properties of its development [4, 8]. On the other hand, they are naturally stored capabilities that have long existed in social life both culturally and naturally derived from nature [9].

Even if the submitted query contains "Tropical Science" to the Google search engine and returns 75,100 hit count [10], but we do not get exactly what is "Tropical Science". However, in general, the search engines have returned information ranges between means and infrastructure of knowledge development or knowledge dissemination, namely the name of the journal and the name of laboratory or facilities research [11]. *Tropical Science*, for example, is the name of a journal was published under Wiley Online Library or is the name of the Laboratorium Shop. Therefore, we derive on concept about "Tropical Science" based on two terms only: science (noun) and tropical (adjective) [12].

Science or *ilm* (Arab Language) is an organized body of knowledge [13], while the tropic is a word to represent a region of the earth around the equator. For example, Indonesia is a tropical country because of its surroundings the equator [14]. Therefore, we obtain

T1a Tropical Science is all conscious efforts systematically to investigate, discover, and improve human understanding from various aspects of tropical reality about the human realm in the form of explanations and predictions that can be tested about the universe. While about medicine we have a definition as follows [15, 16].

T1b Tropical Medicine is sciences or technologies about the medicine that deals with health issues that uniquely occur in surroundings the equator which have broader impacts and are more difficult to control.

The second letter of Talenta relates to the multidisciplinary branch of agricultural science and technology with their applications [17]. It is about agroindustry as follows.

T2 Agroindustry is the activities based on sciences and technology to utilize the agricultural products as raw materials, by preparing equipment and related services to support the selling power and the value addition to agricultural products. Studies of local potential specifically related to culture are expressed as follows [18].

T3 Local Wisdom is the studies of knowledge, experience, understanding, and insight which have existed and grown locally in an area as a result of rigorous thought and action.

For an ever-changing world, energy dependency becomes the subject of discussion anywhere and by anyone [19], who is academically focuses on its sustainability [20]. Therefore, fourth letter of Talenta is as follows.

T4 Energy and its sustainable is a technology based on a study that allows to promote renewable energy sources.

Indeed, in general, the renewable energy is energy that comes from nature, such as wind, waves, solar and so forth, but natural resources make it possible to become a source of energy [21].

Indonesia has abundant natural resources that require handling efficiently and effectively, and it requires the science and the right technology [22, 23]. Here is a definition of natural resources for Talenta.
T5 **Natural Resources** is a multidisciplinary scientific study to manage and create technology to utilize available resources whose existence without human intervention, especially biodiversity, forest, marine, mine, tourism.

The technology created aims to improve human welfare [24, 25]. For that reason, the technology is one form of the research downstreams, which is also an outcome of the research [26]. Therefore, a term technology in general can be expressed as follows.

T6 **Technology** is the overall means and infrastructure to improve the quality of human life. However, the application of technology in accordance with the situation and conditions as well as needs [27]. In this case, the use of technology is said to be *appropriate* if it does not conflict with applicable terms or rules or social culture [28].

The last letter of the word *Talenta* is stand for arts whose understanding depends on ethnicity in the intended area [29]. Thus, although art can be declared to be general but the foundation of concept comes from the original cultural, that is *ethnic* [3].

T7 **Arts** are the outgrowth of the activities or assessment that is uniquely expressed to be rewarded by its beauty or emotional intelligence.

3. **An approach to define**

As a conceptual bridge we have elaborated the terms associated with *Talenta* from several sources of knowledge [30]. This description serves to provide characteristics to *Talenta* [9], a term that requires definitions that are different from understanding of the term [11]. However, to arrive at a conclusion containing *Talenta* definition, some information needs to be reinforced through an approach [31].

An approach is one structure that serves to reveal more information [32]. This serves to recognize the appropriate information and provide meaningful completeness [33]. An easier way by involving search engines, and retrieving related information from the top referrals returned by search engines [34]. Of course, this is based on getting the trusted information about it [35].

The information of outlines as representatives through the discussion section is to gain a new interpretation of matters related to Talent [36]. In general, a study of something will focus on the relevant science or technology, which reveals not the philosophical basis of that thing but also the end something held, i.e. social welfare [29].

4. **Discussion toward definition**

*Talenta* as the focus of *Tridharma* is a collection of trusted information that has the functions or the uses [37]. When a person remembers information, that person has gathered knowledge. Knowledge is useful to make sense of a person, even if the person does not participate as part of that knowledge [13]. To justify something as part of *Talenta* required cognitive reliability and analytical skills including understanding [4]. This is expressed as science. Whereas, something used for joint activity with *Talenta* is expressed as technology [38]. Furthermore, to support *Talenta* as needs or something of interest is expressed as arts [39, 40].

In other words, based on tracking in the information space [41], to means *Talenta* is not just science, existing technology and art are transformed to build the *Talenta*, but it is necessary to embody the *Talenta* as the science, technology and art itself [42]. The fields of science such as mathematics [47, 43, 44, 45, 46], statistics [48], physics [49], chemistry [50], biology [51], medicine [52], agriculture [53], industry [54], engineering [55], energy [56], natural sciences [7], biodiversity [57], forest [58], marine [59], mine [60], tourism [61], social sciences [62, 63, 64, 65], political science [66, 67], law [68, 69] and others [70] have long been established [7], but matters relating to an extension of each letter in *Talenta* will be a science, technology and art that uniquely becomes a scientific study or knowledge of its own [71]. Thus, the existence of *Talenta*
Table 1. How to define and research Talenta

| Action               | Why/Reason                  | Source/References | Result/State | Target/Concept       |
|----------------------|-----------------------------|-------------------|--------------|----------------------|
| To get a conceptual  | What is already known       | References/Art    | The state    | To avoid plagiarism  |
| bridge               |                             | experience of art |              |                      |
| To identify the      | What has been recognized    | Collection of     | New concept  | To avoid duplication |
| cognitive structure  |                             | information       | or an idea   |                      |
| To make outlines     | What has been understood    | Knowledge         | New          | To make              |
|                      |                             | or skills         |              |                      |
|                      |                             | interpretation    |              |                      |

is acknowledged, of course with well documented evidence in the document, making it easy to read, understand, observe and refer. Then, one moment in certain parts of the Talenta becomes the reference source in his or her scientific field with that specificity. In general, to build on the specificity of science, technology and art associated with Talenta is formulated as in Table 1 [36].

5. Conclusion

Talenta is a study of ability and potential to create and enhance science, to develop technologies, and to engrave arts about the tropical medicine, agroindustry, local wisdom, energy and its sustainability, biodiversity, forest, marine, mine, tourism, adjustments, and original communities that are especially useful for human welfare. It is the definition about Talenta based on some of the related terms, and then develop a unit of knowledge about Talenta as the future work.

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