

Von: Hans Olofsson <hans.olofsson@chalmers.se>

Betreff: **Aw: [RadioNet] Proposal - Draft 2 | comments welcome by 29.2.2016**

Datum: 21. Februar 2016 18:41:27 MEZ

An: "Dr. Izabela Rottmann" <irottmann@mpifr-bonn.mpg.de>

Dear Isabela,

I provide you with my comments now because I will have no time during the coming week to read the proposal again.

In general, I think the proposal has greatly improved in terms of a coherent description, and the English has certainly improved. Unfortunately, the structure of the proposal set up by the EC is such that text is often repeated in a number of places, which can be a bit tiresome when you read, but this is of course not your fault.

I have a list of (minor) comments for you below.

Best regards,
Hans

- p. 5, top: the meaning of “spread out over even more nations” is not clear to me.
- p. 5: In general, interaction with society is not mentioned here. E.g., the importance of having astronomical infrastructures close to society (schools, university, visitor centers, etc.) could be mentioned.
- p. 6, items 7: Something is missing after ESFRI, maybe roadmap or infrastructures.
- p. 7: Once again, the connection to society in general is not mentioned here.
- p. 8, Sect. 1.2: Is the text under SPECIFIC CHALLENGE really addressing challenges?
- p. 9, top: The rest of the proposal mentions 25 partners, not 24.
- p. 11, top: ... transformed the way radio astronomy science is conducted ...
- p. 11, middle: Also the strong European involvement in ALMA instrumentation (bands 5, 7, and 9) can be partly credited to RadioNet JRAs over the years
- p. 12, top: VLBI in the space environment is not mentioned, e.g., Radioastron, and the technique developed by JIVE to track satellites
- p. 12, middle: ... will be integrated into the CASA CORE ...
- p. 12, bottom: What is meant by “This complete set of ...”?

p. 12, bottom: ... access to the Apertif ...

p. 14, bottom: “occupied with many molecular transitions” —> “where cosmic atomic and molecular lines occur in abundance”

p. 16, top: ... mission of the European radio ...

p. 16, bottom: ... the only mm/sub-mm array capable of ...

p. 19, middle: ... like for example through-wall radar imaging (if I have understood this right).

p. 19, bottom: Surely astronomy attracts more students than those interested in “the origin of the Universe”.

p. 20, middle: It is stated that "None of the facilities operate any kind of national quota". I thought this is what IRAM does since only 15% is open to non-member state PIs.

p. 20, middle: counties —> countries

p. 21, middle: ... to respond to the needs in terms of ...

p. 23, top: ... do not have established radio ... also end the sentence with a dot

p. 23, middle: training provided in this and ...

p. 23, bottom: mosaicking —> mosaicing

p. 24, top: Should interactions with Opticon, Solarnet, and Europlanet be mentioned here?

p. 24, middle: ... ensuring that the basic functionalities ...

p. 25, middle: ... observing techniques, increase of the observing efficiency, and reduction of ...

p. 25, bottom: ... big data, and renewable energy ...

p. 25, bottom: RadioNet as a project ...

p. 25, bottom: “convincing a new generation of SKA users” sounds a bit strange even though I think I understand what is meant.

p. 25, bottom: either “targeting” or “pushing” but not both

p. 26: The paragraph on the developments in Ventspils is not so well written.

p. 26, bottom: Target → TARGET, also Target Holding is not explained

p. 27, bottom: ... receivers for European radio observatories, ...

p. 28, top: “check if this is still the case” is not marked in yellow

p. 29, Table 2.2.1: “Contact the PI” does not sound like an open archive.

p. 30, bottom: What is meant by “Priority is an effective information chain”

p. 32, middle: Events will also be announced ...

p. 33, middle: Africa will have a strong radio ...

p. 33, middle: ... will extend its ability ...

WP description, general: It would be good to make clear that in many cases the last paragraph of a WP description applies to the whole WP and not only to the last sub-WP. Maybe use double line feed before this paragraph.

p. 41, middle: There is also an IRAM interferometry school

p. 42, middle: The ARC nodes also provide data reduction support.

p. 43, top: ... of the radio spectrum for radio astronomy ...

p. 43, middle: Isn't Arecibo a member of EVN?

p. 44, bottom: ... financial support for CRAF representatives to travel to international ...

p. 46, bottom: ATHRA → AETHRA

p. 46, bottom: Last sentence sounds strange

p. 48, bottom: What is meant by “underlined” in connection with defined leader

p. 50, middle: ... available to all interested partners (or maybe observatories)

WP8 EVN and WP9 eMERLIN: No information on publication statistics

p. 62, top: I thought CARMA was closed (or is being closed)

p. 64, top: Is SOLIS the outcome of RadioNet activities?

p. 70: Change orientation of figure

WP14 ALTA: Will this get support from RadioNet, and if so how is this calculated since there is no unit cost, and no hours to be delivered?