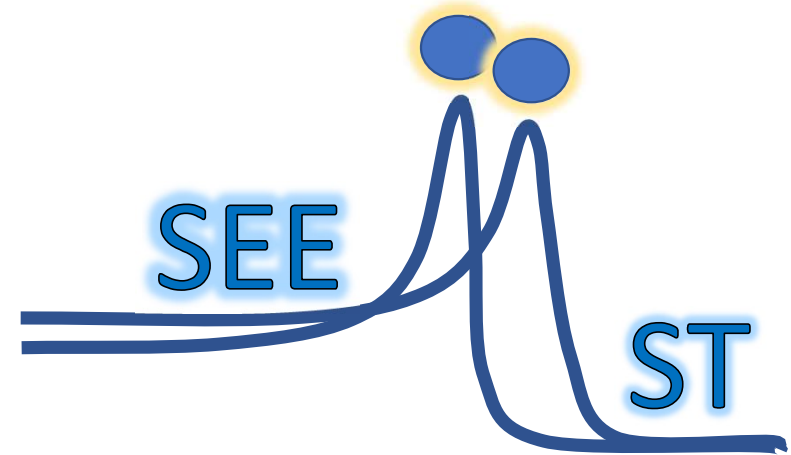


The importance of collecting data from the community in the SEE Region

Mimoza Ristova, Manjit Dosanjh, Vesna Gershan and Petya Georgieva

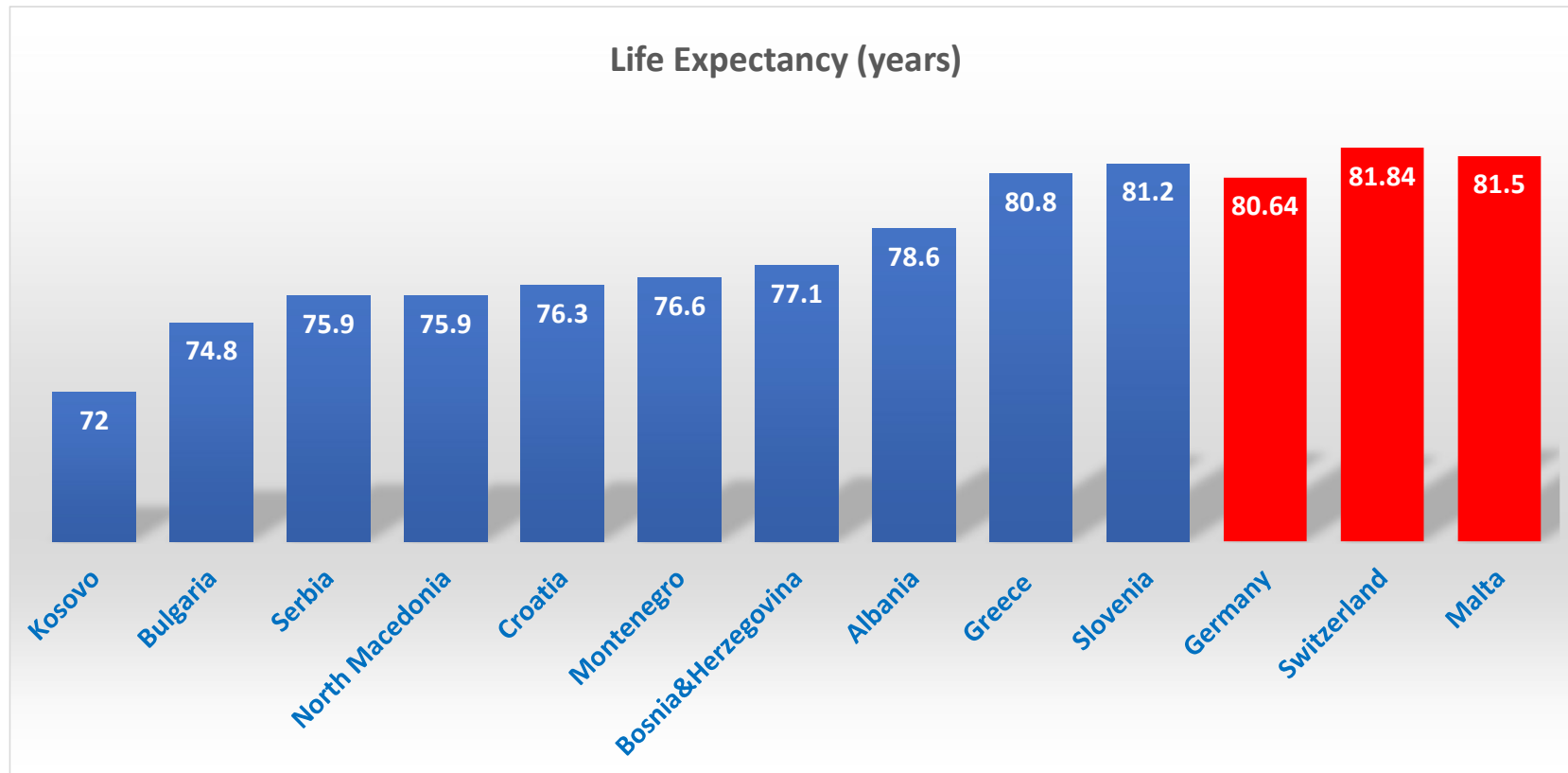
mimoza.ristova@cern.ch



SEE countries reveal common characteristics, similarities, lack of cancer related DATA, and convergence of the existing DATA

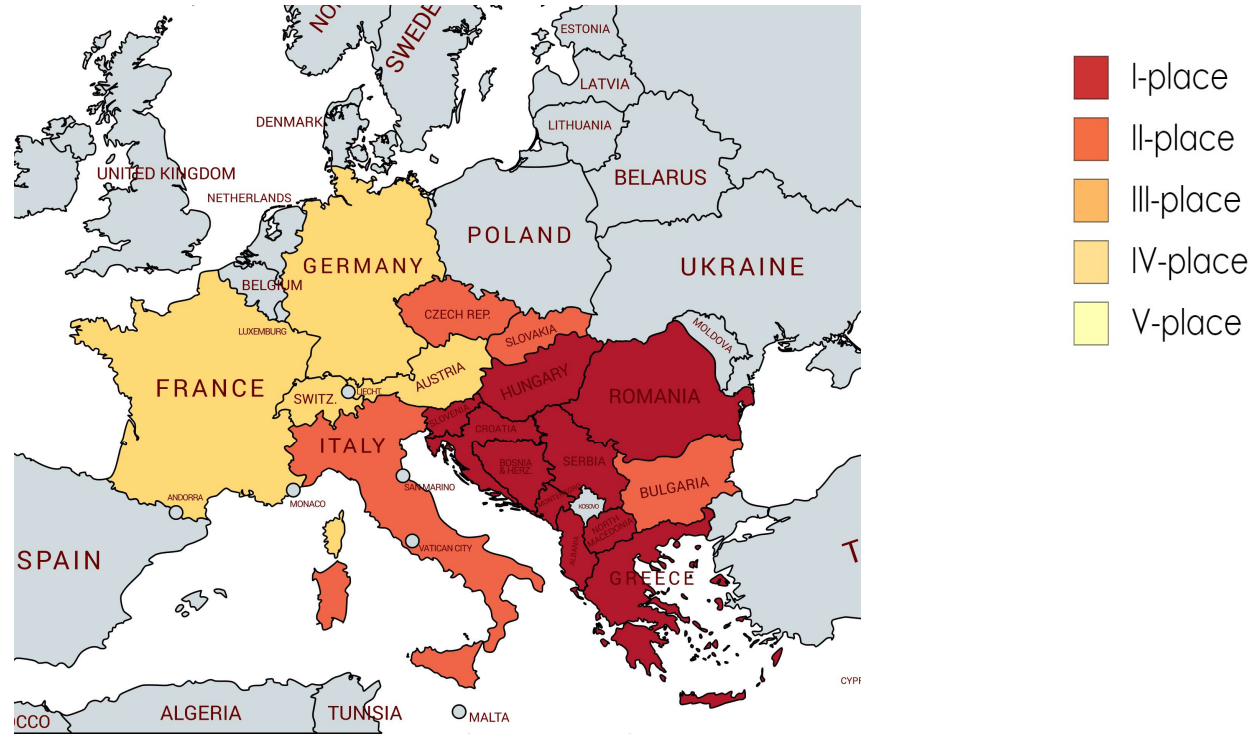
For instance

Life Expectancy in the SEE region (2019)



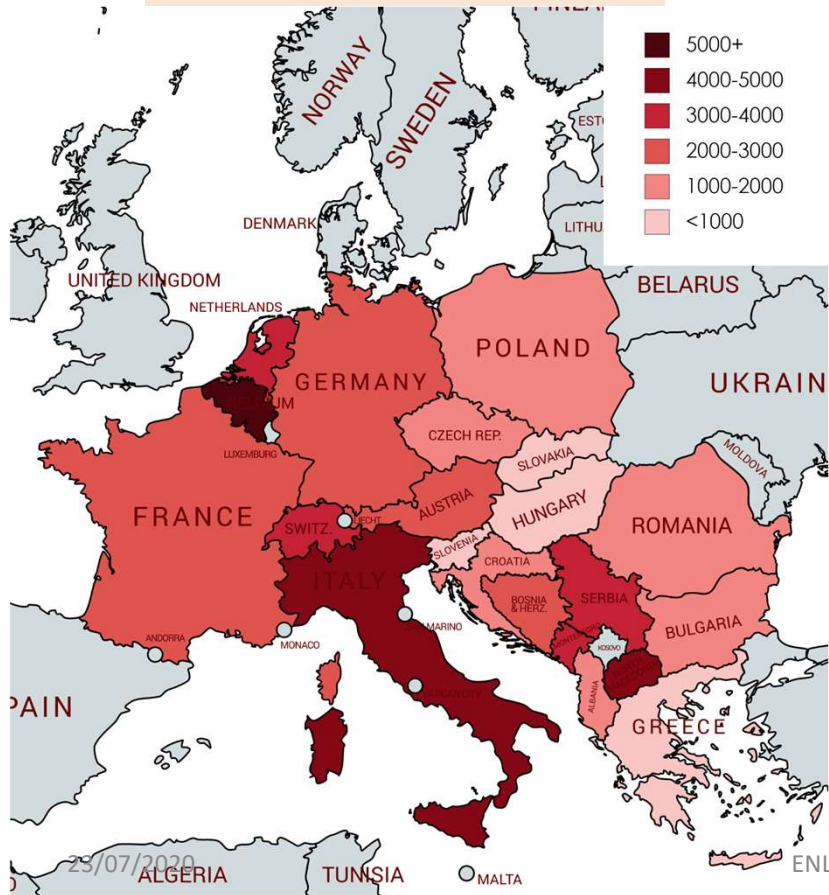
Top ranking cancer in SEE region

Lung



Covid-19 in SEE (20.07.2020)...

CASES/1M



% Deaths/CASES



Why collecting DATA through the questionnaires?

- **To estimate the number of patients from SEE who can benefit from PT after 10 years**
- **To detect the shortages in the cancer diagnostics in the SEE**
- **To detect the level of knowledge and expertise in RT in SEE**
- **To detect the radiation expertise and radiation culture level in SEE**
- **To estimate and make a network of a number of scientists/clinicians who will be the future users of SEEIIST (PT, Radiobiology, Isotope production, Material Science research)**
- **To include the SEE scientists in PT projects and education programs**

QUESTIONNAIRES for gathering data from SEE



QUESTIONNAIRE FOR SCIENTISTS: Research and education in accelerated particles and related topics (fundamental research and radiation/particle therapy)

This questionnaire has been designed for a better understanding of the level of knowledge and expertise in accelerated particle research topics and current treatment in the countries of the SEE region. Also, the questionnaire aims at detecting the availability of education facilities at the Universities within the countries of the SEE region. The results of this questionnaire will reflect the quantity of the potential research community of the upcoming particle treatment and research centre for the Southeast European Countries "SEEIST" ([seeist.eu](#)). This survey has been designed within an EC project attributed to the development of SEEIST facility by the following team: Margit Dosagh (CERN, SEEIST), Mircea Rotaru (IKM Skopje, SEEIST, CERN), Petru Georgescu (SEEIST, TERAP), Viorel Gheorghiu (IKM Skopje).

For any question, please contact Margit Dosagh (margit.dosagh@cern.ch)

* Required



Questionnaire for Scie...



Questionnaire for the ONCOLOGISTS from the countries of the SEE Region

IMPORTANT NOTE 1: Each designated participant who will contribute with relevant answers to the questionnaire will become a co-author of a joint scientific publication.

IMPORTANT NOTE 2: This questionnaire has been designed for better understanding the cancer treatment in the SEE region and estimation on the number of patients who will benefit from the particle therapy (PT) that will be accessible in the upcoming particle treatment center for the Southeast European Countries "SEEIST" ([seeist.eu](#)). This survey is a part of an EC project attributed to the development of SEEIST facility, designed by the following team: Vladimir Todorovic MD (SEEIST, Clinical Center of Podgorica) as a task leader, Margit Dosagh (CERN, SEEIST), Mircea Rotaru (IKM Skopje, SEEIST, CERN), Petru Georgescu (SEEIST, TERAP), Viorel Gheorghiu (IKM Skopje).

For any question, please contact Margit Dosagh (margit.dosagh@cern.ch)

* Required



QUESTIONNAIRE FOR ...



QUESTIONNAIRE FOR REGULATORS – Diagnostics and Cancer Treatment Equipment in the Countries of the SEE Region

NOTE: This questionnaire has been designed for better understanding the cancer treatment in the SEE region and estimation the number of patients who will benefit from the particle therapy (PT) that will be accessible in the upcoming particle treatment center for the Southeast European Countries "SEEIST" ([seeist.eu](#)). This survey is a part of the EC project 2019/20. This survey has been designed as a part of an EC project attributed to the development of SEEIST facility by the following team: Margit Dosagh (CERN, SEEIST), Mircea Rotaru (IKM Skopje, SEEIST, CERN), Petru Georgescu (SEEIST, TERAP), Viorel Gheorghiu (IKM Skopje).

For any question, please contact Margit Dosagh (margit.dosagh@cern.ch)

* Required



QUESTIONNAIRE FOR...

Credits to Vladimir Todorovic MD from CCM who assisted in the questions design

QUESTIONNAIRE for SEE CLINICIANS

(patients, diagnostics and treatment data)

- Which are the top 11 most frequent types of cancer in your country? (click 1 for cancer with the highest incidence)

- What are the cancer treatment options available in your country? (click all that apply)

- Do you have a cancer patient registry?

- What is the mortality of the cancer patients according to your last available statistics in your country?

- How many PET/CT machines are available in your country?

- What is the number of new cancer patients in your country that were registered last year?

QUESTIONNAIRE for REGULATORY BODIES

(licensing: diagnostic, treatment and education data)

- How many Computerized Tomography (**CT**) units?

- How many **digital mammography** units?

- Are there any higher educational institutions offering PhD **curricula in Medical Physics** in your country?

- What kind of institution/company is offering **radiation protection training courses** for the professionally exposed in your country?

- Are there any curricula in the clinical specialization of **medical physics** offered in your country?

- What kind of **ambient dosimeters** are used in the RT rooms? (select multiple if applicable)

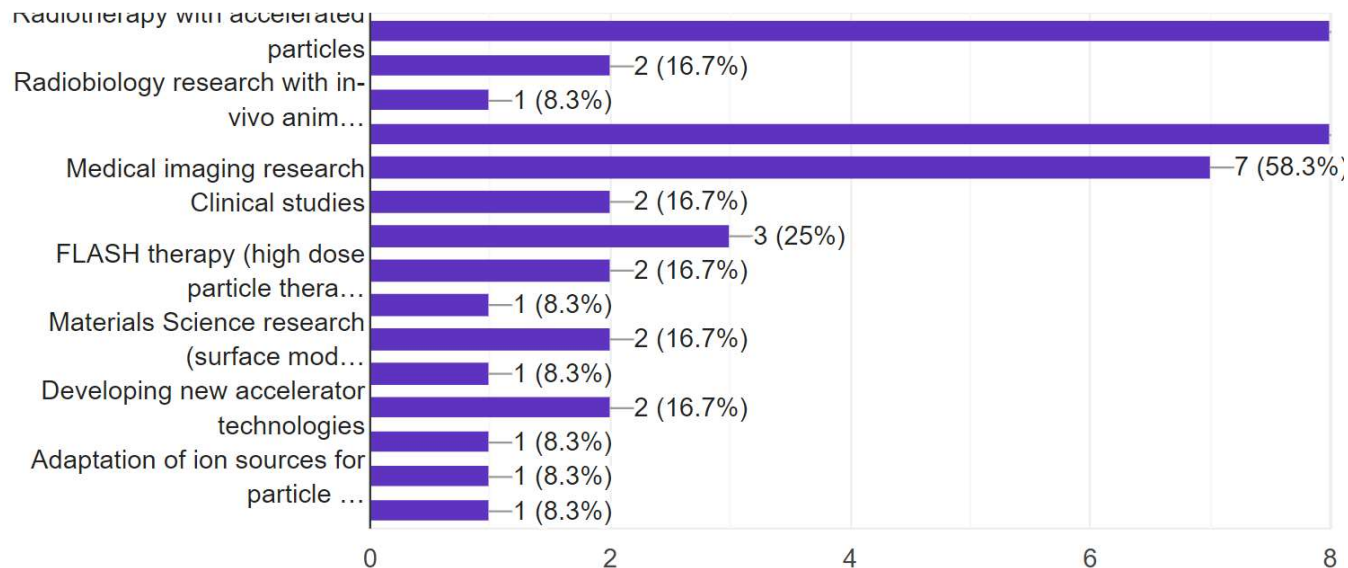
QUESTIONNAIRE for SCIENTISTS from SEE countries

(current research and edu; prospective research and edu)

- Have you ever been or are presently involved in any research with accelerated particles (electrons, protons or heavier ions) or have participated in any accelerator related research WITHIN your own country?

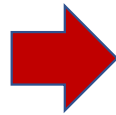
-or have participated in any accelerator related research OUTSIDE your country?

- Select one or multiple topics in which you would be able to contribute to scientific research with accelerated protons and heavier ions (He, C, O) within the SEEIIST

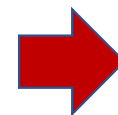




Once upon a time there was a 500 years old bridge in Mostar that was connecting the people



The madness of the nationalism and war destroyed it in 1993



The bridge has been now reconstructed

Let us, the scientists, build and rebuild the bridges among our societies to combat cancer

Fortunately, the scientists,
speak the same language ...



THE TOWER OF BABEL/PIETER BRUGEL THE ELDER

23/07/2020

ENLIGHT for SEEIIST Conference

Therefore, let us jointly and
peacefully link around the
SEEIIST to build the synchrotron
(SEE tower of Babylon).

Let us lead the way to better
humanity and combat cancer.

PLEASE spend 10 min and
RESPOND to the **QUESTIONNAIRE!?**
Links are given below

QUESTIONNAIRES

I. Questionnaire FOR CLINITIANS - FORM:

https://docs.google.com/forms/d/e/1FAIpQLScTrWw4bwWpTumXXuBYfh15QalGcGCp_gYv2L-RxeVSUIjqFeA/viewform?usp=sf_link

II. Questionnaire FOR SCIENTISTS - FORM:

https://docs.google.com/forms/d/e/1FAIpQLSesUJnHvwdj_G71L7FjnQu2f_sfscYlj4pxJvLCnAjeKkbXw/viewform?usp=sf_link

III. Questionnaire FOR REGULATORS - FORM:

https://docs.google.com/forms/d/e/1FAIpQLSfNm1TPxi5qdRmIQPeNzk-DyqUWuivgGWVQZd863Lqk3d0AEw/viewform?usp=sf_link