For the first meeting of its new term 2017-2021, the C4 covered a wide range of issues, including new activities related to its revised mandate.

**Existing exposure situations:** the C4 reviewed the report of **TG 76 on Radiological Protection from NORM in Industrial Processes**, which is expected to be approved for public consultation in 2018. The C4 also provided advice for continuing the preparation of the report of **TG 98 on Exposures arising from Contaminated Legacy Sites** to be in line with the other publications on existing exposure situations.

**Response to Fukushima:** the C4 requested **TG 93 on Protection in the Event of a Nuclear Accident** to take into account considerations on environmental and economic issues as well as on livestock and pets when finalizing its report updating **Publications 109 and 111**. The public consultation is expected in 2018. The C4 also decided to begin preparation of a terms of reference for a possible TG addressing concerns expressed by companies impacted by a nuclear accident (personnel, transport, goods...).

**Environmental protection:** With its new mandate, the C4 is now involved in several Task Groups, and the ongoing integration of protection of the environment into the system of protection. The report of **TG 74 on Dose Coefficients for Non-human Biota Environmentally Exposed to Radiation** has been approved by the Main Commission as **Publication 136**. The C4 reviewed the work of **TG 72 on Biota Radiation Weighting Factors for Reference Animals and Plants**. The corresponding report is almost ready for public consultation. The C4 also reviewed, jointly with C1, the work of **TG 99 on Reference Animals and Plants (RAPs) monographs**, whose purpose is to make a link between RAPs and Representative Organisms for risk assessment. Finally, the C4 discussed the work of **TG 105 on Considering the Environment when Applying the System of Radiological Protection**. Its report will propose a way for the integration of the protection of humans and non-human species in the ICRP system, by using case studies in the different exposure situations.

**Foundations and fundamentals:** the report of **TG 94 on Ethics of Radiological Protection**, describing the core ethical values of the system of radiological protection (RP), has been approved by the Main Commission for publication. The C4, in a joint meeting with C3, decided to propose the creation of a joint TG on the application of **Ethics in Radiological Protection in Medicine**.

**Topical applications reports:** the C4 reviewed the report of **TG 97 on Surface and Near-Surface Waste Disposal**. Several comments were made and the membership changed. The C4 also created a WP to explore the issue of RP in **Space Travel** and develop a Terms of Reference for a Task Group. Further, C4 and C3 decided to propose a joint TG on the application of the ICRP system in **Veterinary Practices**.
(public and occupational exposures). Because of lack of time, the discussion about 
**TG 106 on Mobile Sources** was postponed.

**Interaction with other Committees:** The C4 met with C1 and discussed **TG 102 on Detriment Calculation** and **TG 91 on DDREF** as well as the issue of environment (see above). The C4 also met with C3 and discussed several issues: veterinary applications with animals as patients, medical intervention in situations where equipment and facilities may be contaminated (related to reaction to emergency situation), and the **C3 TG 89 on Occupational RP in Brachytherapy**. Finally, the C4 discussed the report of **C2 TG 79 on Effective Dose**, which will be soon submitted for public consultation.