

Work Package 5

Procurement and construction of
the beamline infrastructure

Launch of the CfT “Personnel Safety System”

D5.2

March 2021



PROJECT DETAILS

PROJECT ACRONYM

BEATS

PROJECT TITLE

BEAmline for Tomography at SESAME

GRANT AGREEMENT NO:

822535

THEME

START DATE

2019

DELIVERABLE DETAILS

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EXPECTED DATE:

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INFRASTRUCTUREDELIVERABLE TITLE: LAUNCH OF THE CfT "PERSONNEL
SYSTEM"

WORK PACKAGE LEADER: A. LAUSI

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PERSON RESPONSIBLE FOR THE DELIVERABLE: A. LAUSI

NATURE

- R - Report
 P - Prototype
 D - Demonstrator
 O - Other

DISSEMINATION LEVEL

- P - Public
 PP - Restricted to other programme participants & EC: [Click here to enter text.](#)
 RE - Restricted to a group [Click here to enter text.](#)
 CO - Confidential, only for members of the consortium

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LAUNCH OF THE CALL FOR TENDER FOR THE BEATS BEAMLINE'S PERSONNEL SAFETY SYSTEM

When the application to the Call H2020-INFRA-SUPP-2018-2020 (RIA) was put together in March 2018, a deliverable was foreseen in the work plan of work package 5 (Procurement and installation of the beamline infrastructure) which should report on the launch of the call for tender for the personnel safety system of the beamline.

This system is a major component of each synchrotron radiation beamline. It assures safe operation by implementing measures to guarantee that radiation can only enter into the optics and experimental hutch once all personnel has left these premises.

Based on experience at ESRF and other major synchrotron radiation sources the cost for this system was estimated to be beyond the normal limit from which on the procurement procedures would necessitate a call for tender exercise.

Since then it was decided, that at SESAME another beamline (HESEB) will be constructed in parallel to the BEATS project, also requiring the installation of a personnel safety system of its own.

In close collaboration between the technical and administrative experts at SESAME, with advice from the BEATS Procurement Advisory Board and following a thorough market analysis it turned out that by placing a common order for the system components the procurement cost for each beamline will be below SESAME's limit from which on a call for tender is mandatory.

Hence, the procurement is being carried out as an ordinary purchase, no call for tender needed to be launched.

The technical details of the personnel safety system are described in BEATS Deliverable 4.1 (Technical Design Report, p. 84).