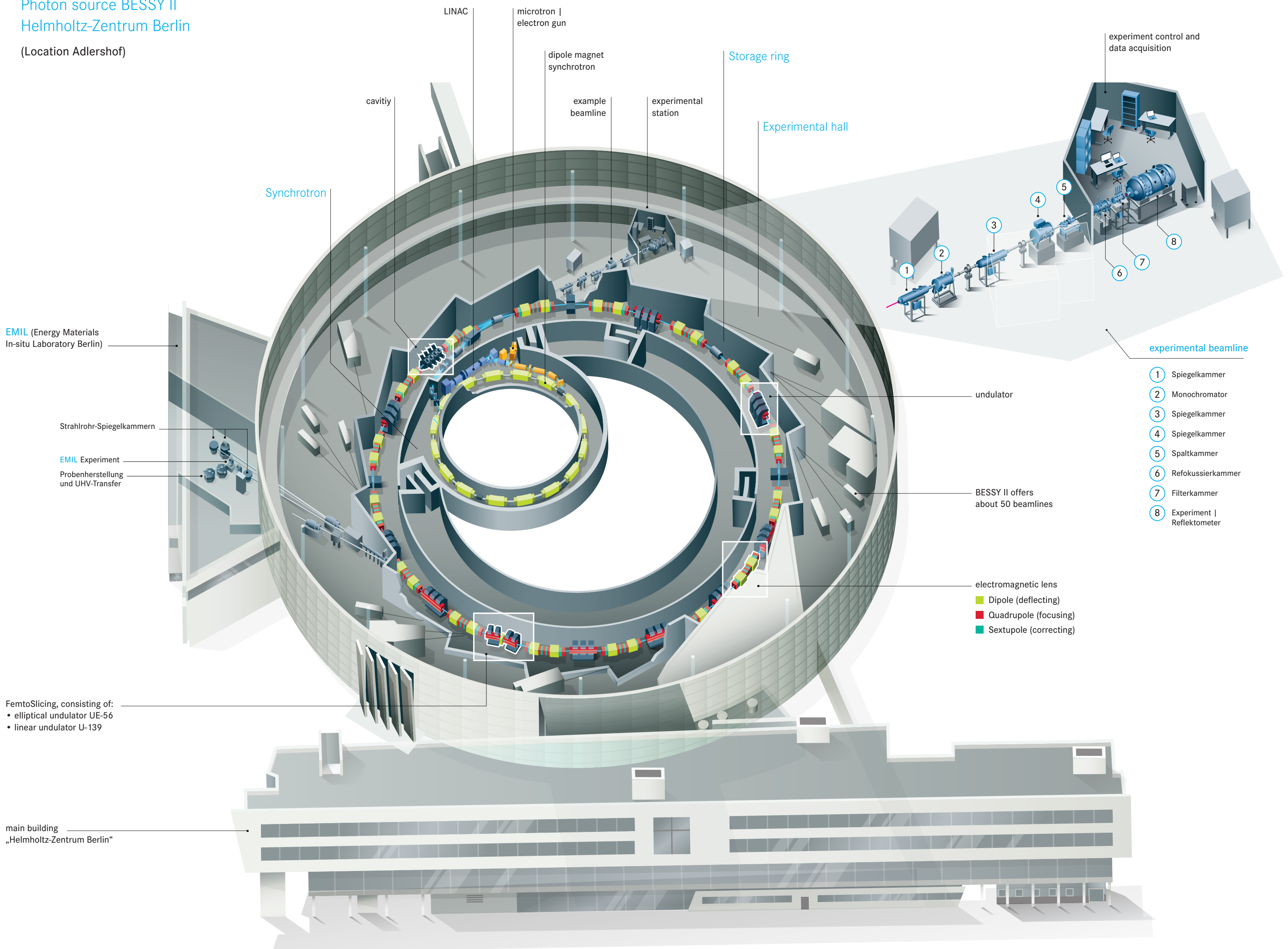


Photon source BESSY II
Helmholtz-Zentrum Berlin

(Location Adlershof)



Synchrotron

Storage ring

Experimental hall

experiment control and data acquisition

EMIL (Energy Materials In-situ Laboratory Berlin)

Strahlrohr-Spiegelkammern

EMIL Experiment
Probenherstellung und UHV-Transfer

FemtoSlicing, consisting of:
• elliptical undulator UE-56
• linear undulator U-139

main building
„Helmholtz-Zentrum Berlin“

experimental beamline

- 1 Spiegelkammer
- 2 Monochromator
- 3 Spiegelkammer
- 4 Spiegelkammer
- 5 Spaltkammer
- 6 Refokussierkammer
- 7 Filterkammer
- 8 Experiment | Reflektometer

undulator

BESSY II offers about 50 beamlines

electromagnetic lens
■ Dipole (deflecting)
■ Quadrupole (focusing)
■ Sextupole (correcting)