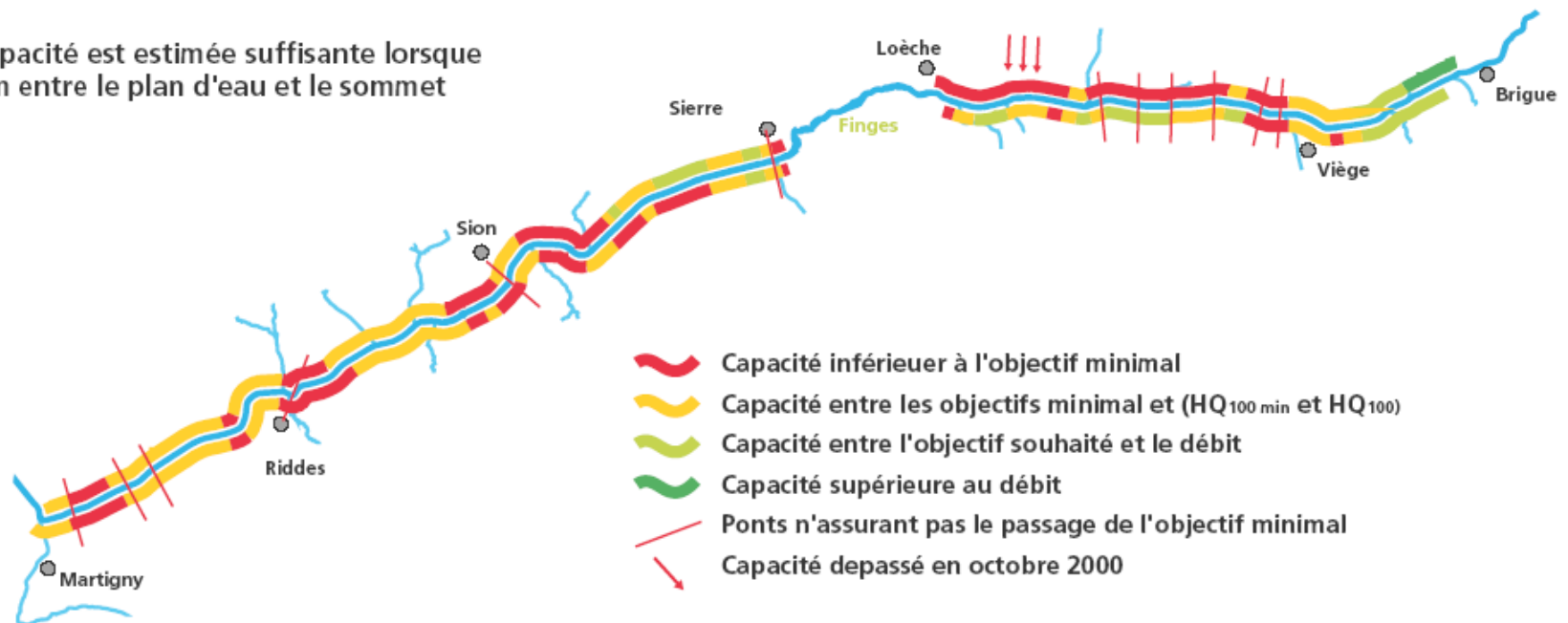


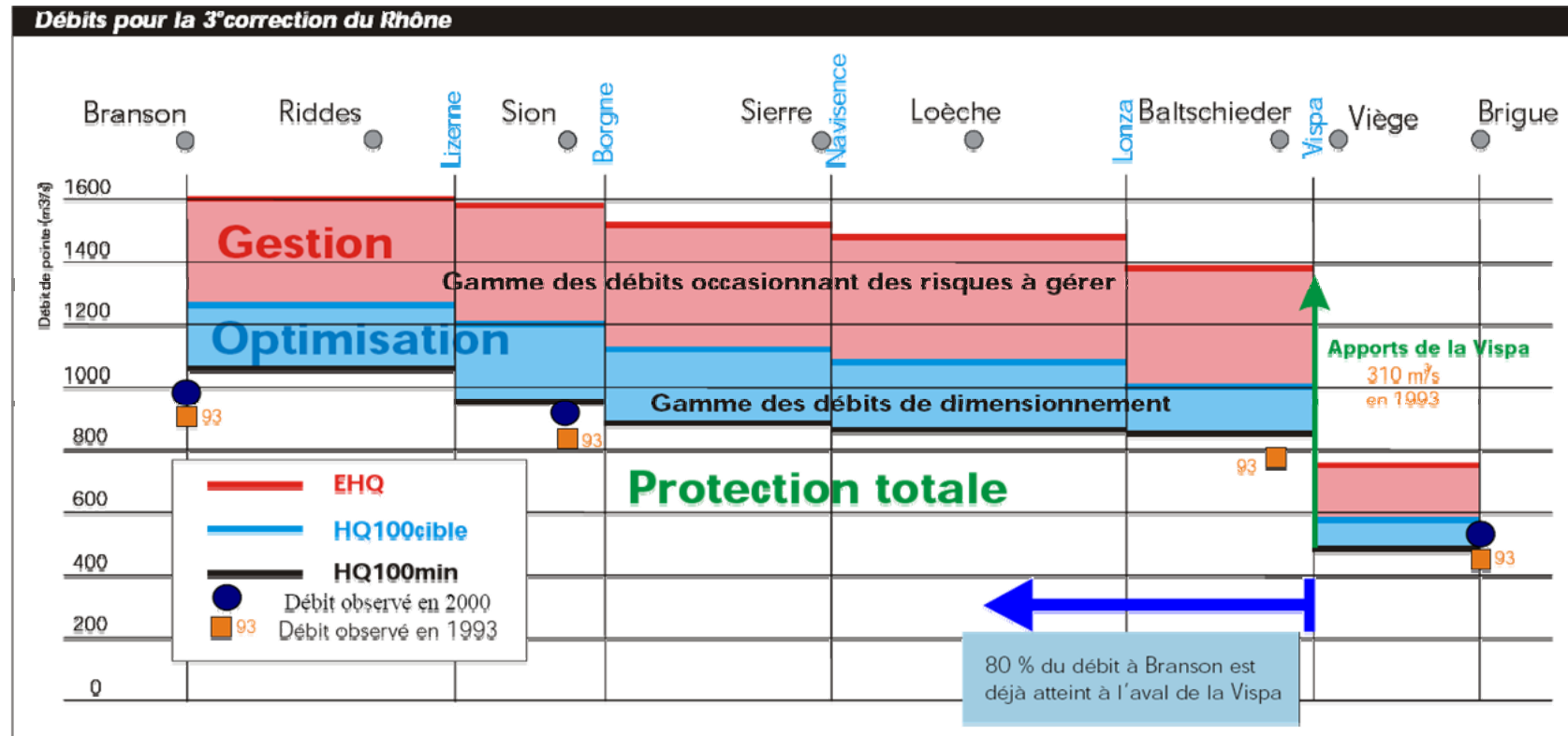
3rd correction of the Rhône river: present situation (OFEG, 2002)

La capacité hydraulique actuelle

La capacité est estimée suffisante lorsque 50 cm entre le plan d'eau et le sommet



Objectives



Q100 min: centennial flood

Q100 Target: upper centennial flood.

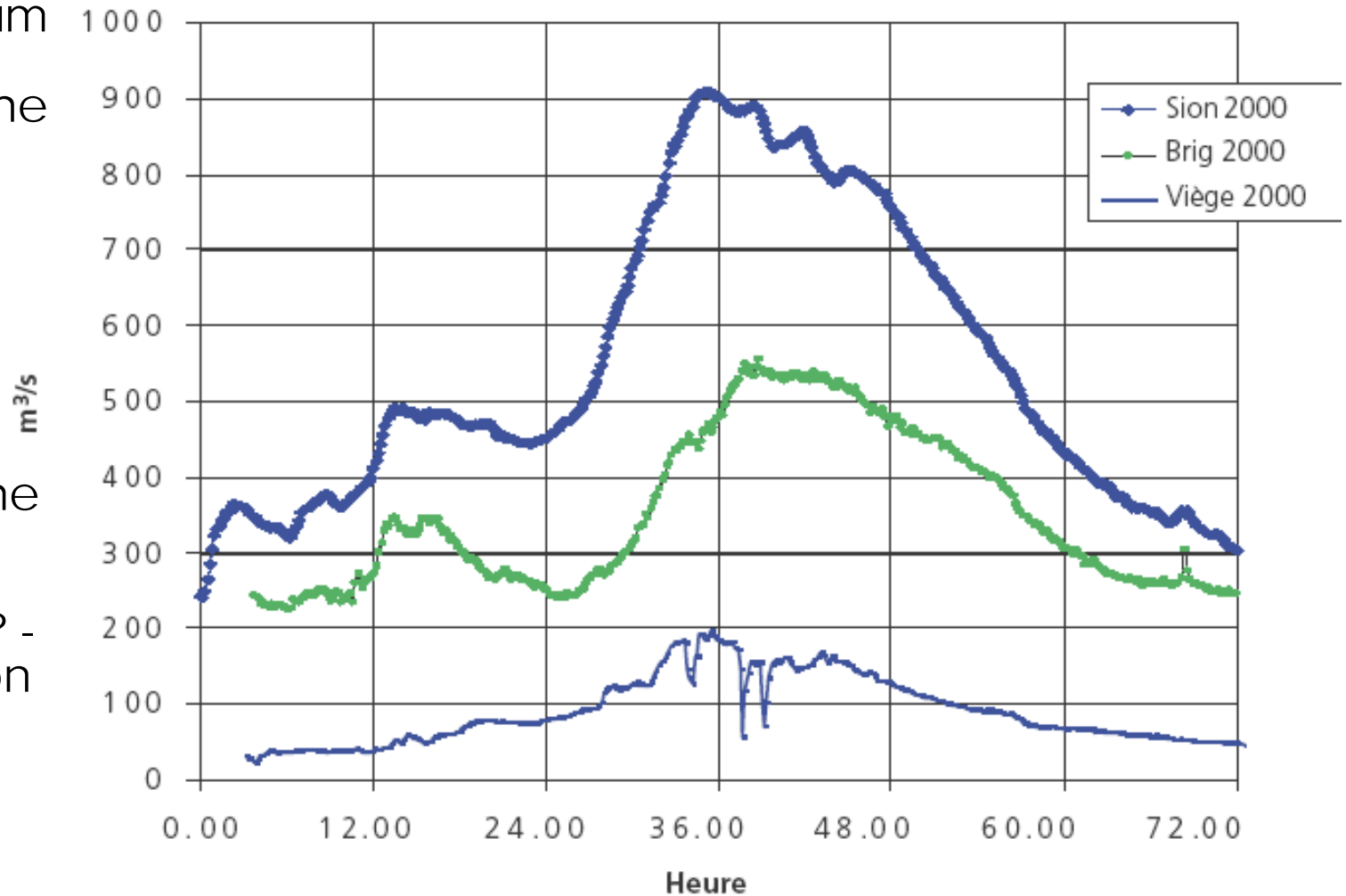
EHQ : Discharge of extreme flood

(From: Plan sectoriel 3^e correction du Rhône Version pour consultation; Etat du Valais, MAI 2005)

Hydrographs of the flood of 2000 (BWG, 2002)

- Flood maximum discharge depends on the timing of river basins:
- 3h difference between the peak of Visp and Brig
- Discharge reduced by the presence of hydroelectric power plants? - 125 m³/s in Sion

Comparaison hydrogrammes crue 2000 de Brigue et Viège calés sur Sion



INTRODUCTION TO PRACTICAL WORK

2 Case study

Floods in La Petite-Glâne



Photo: M. Franz

Rockfalls in Frenières-sur-Bex

