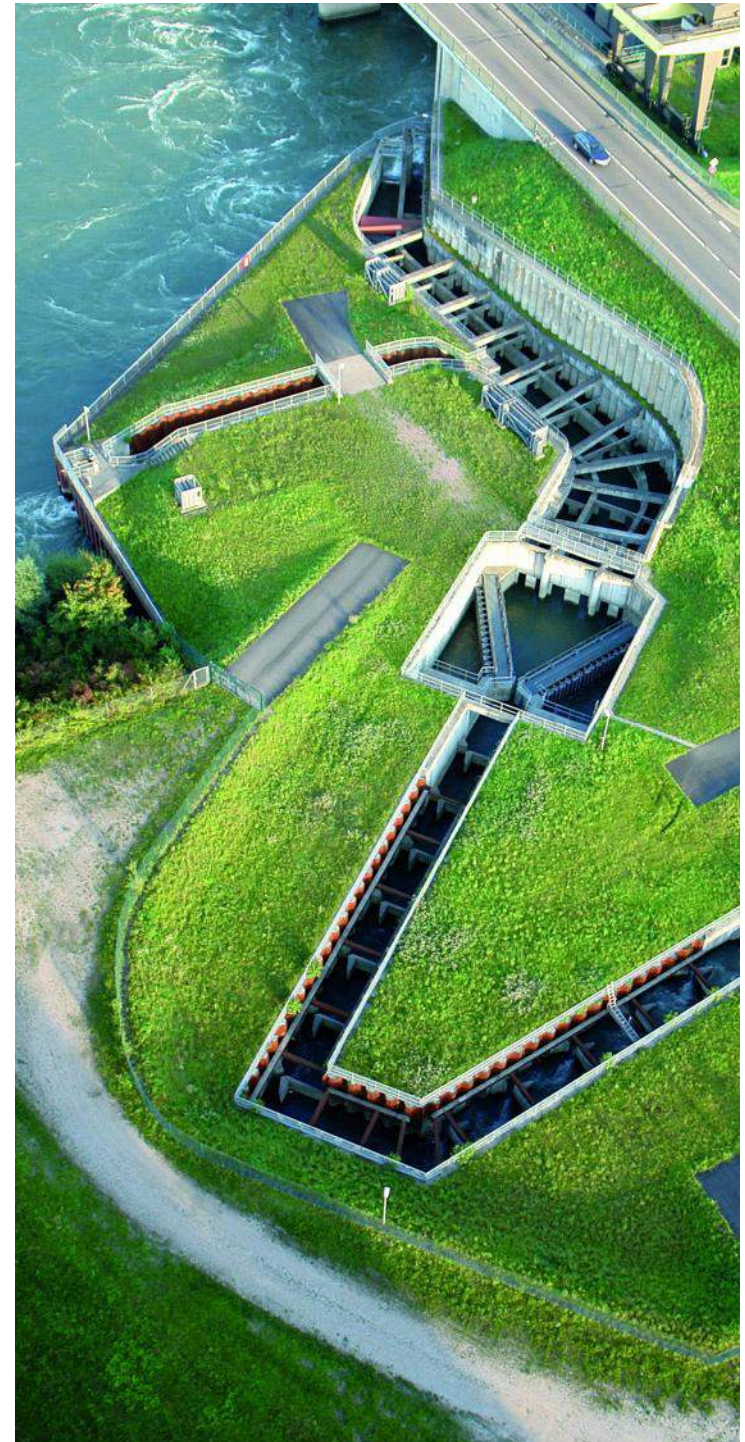![EDF logo]

Panel Discussion

Software issues relevant to the FPGA development process.

EDF Nuclear Engineering Division, Basic Design (SEPTEN)

Alexander Wigg (alexander-john.wigg@edf.fr)

Points for discussion
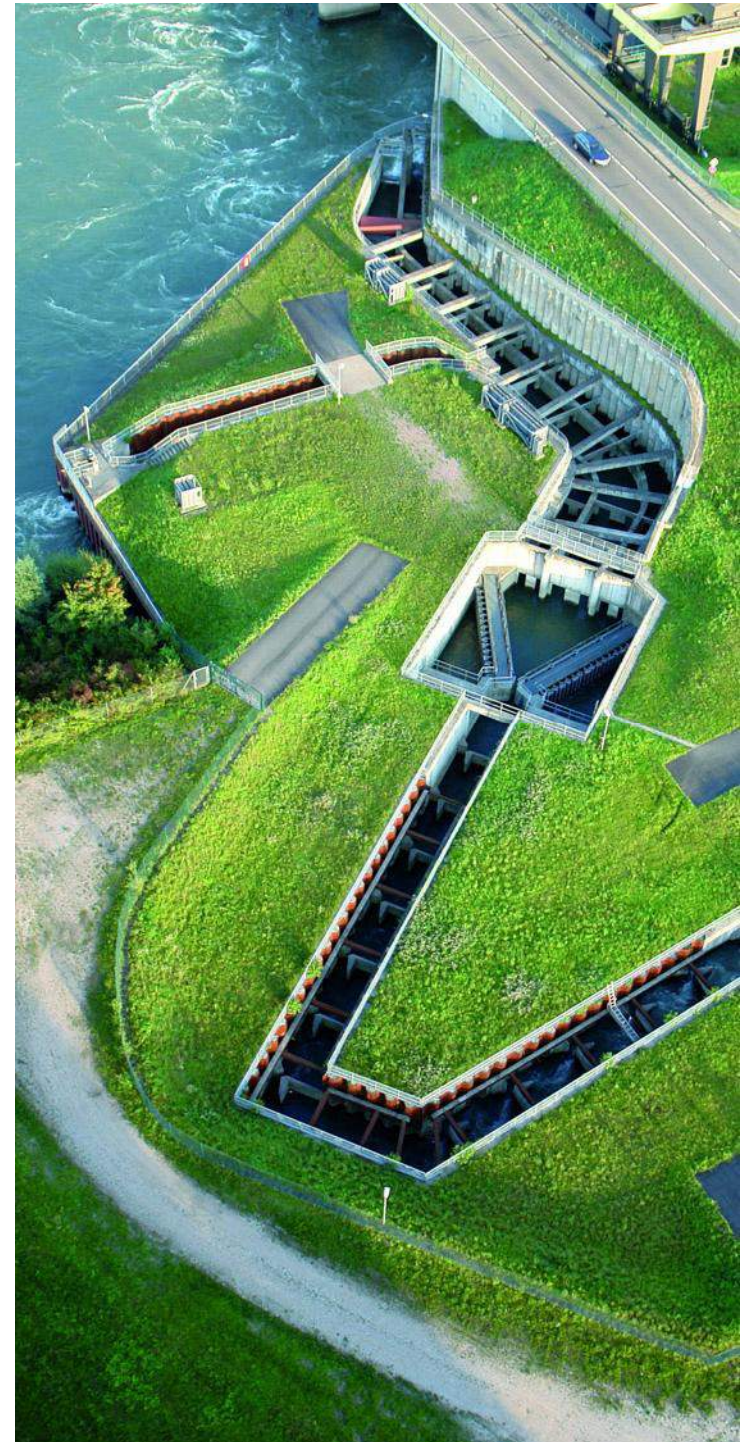
Software issues for FPGAs…What software?

- *Only from a very high level can FPGAs and software be considered similar (transformation of high-level source code for a particular target).*

Too much emphasis on <u>technology</u>, not enough emphasis on <u>design.</u>

- *Design is the primary factor that influences characteristics, not technology.*

Complexity and quantifying reliability.

- *In both cases, the difficulty in quantifying reliability arises from complexity leading to an inability to prove the absence of errors. However, what comes next?*

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Thank you to the panelists.