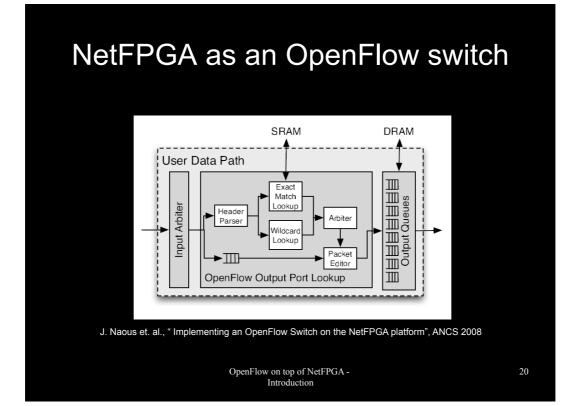


Available controllers and switches

- NOX (<u>http://noxrepo.org/</u>, GNU GPLv3)
 - Provides network-wide view of the topology
 - C++ and Python modules make decisions
- OpenVSwitch (<u>http://openvswitch.org/</u>, Apache 2)
 - Soft-switch, replaces Linux bridge
 - Designed to be used with VM's
- Simple controller (reference implementation)
- Hardware switches:
 - Quanta LB4G (Broadcom), HP ProCurve 5400 series, NEC IP8800/S3640, Juniper MX, Cisco Catalyst, NetFPGA

OpenFlow on top of NetFPGA -Introduction



OpenFlow activity in Europe

Successful EU proposals:

OFELIA (5 OpenFlow islands across Europe, partners from academia and industry)

CHANGE (Flow-processing research, uses OFELIA testbed)

SPARC (Split architecture, MPLS)

OpenFlow on top of NetFPGA -Introduction





