

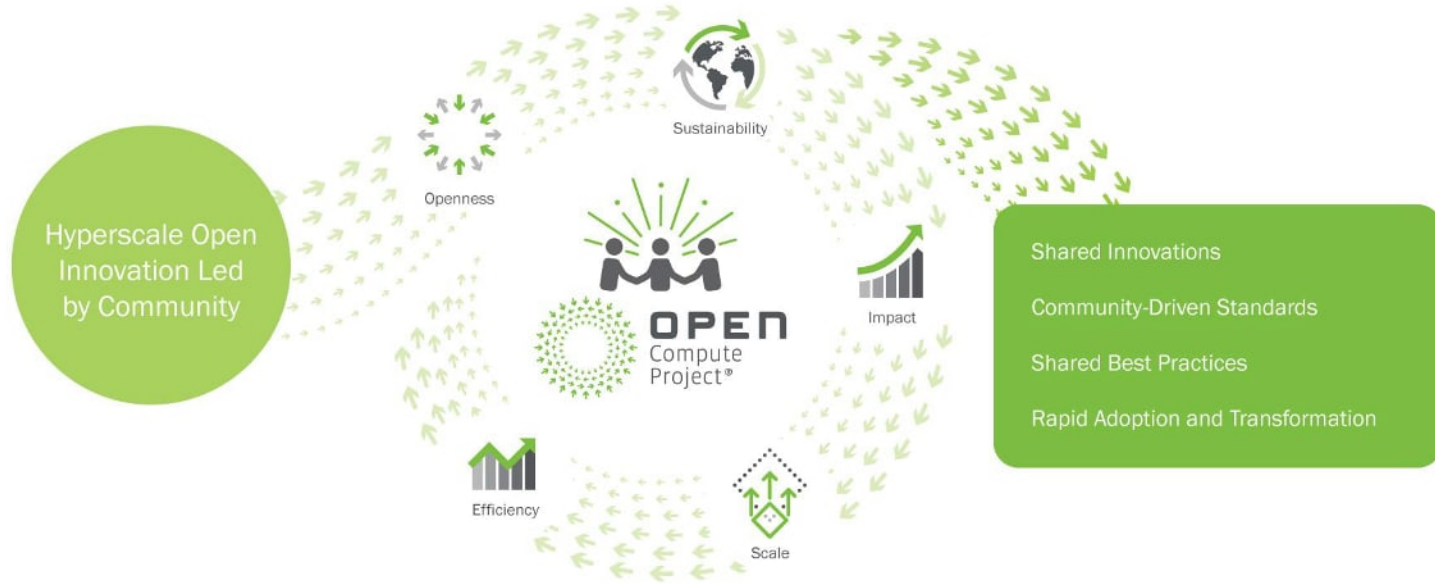
Open Compute Project







OPEN
Compute
Project®

Community-driven hyperscale innovation for all.

OCP meeting the market and shaping the future



OCP'S impact to date, poised to shape the future

- Over **290** members, and **6,000+** global active participants
- Social media followers:  9,600+;  8,200+;  11,500+;  8,600+
- Annual events; over 3,000 in-person and 10K virtual
- **286+** OCP Contributions (Specifications, Designs, White Papers)
- Over **140+** OCP Marketplace SKUs with 8-12K OCP Marketplace hits per month
- **8+** OCP Ready co-location facilities worldwide
- **11+** Global OCP Experience Centers
- OCP impact on product revenue to vendor ecosystem*
 - 2021 \$18B to hit \$36B by 2026



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COMMUNITY®

* OCP Commissioned 3rd Party Study by Omdia

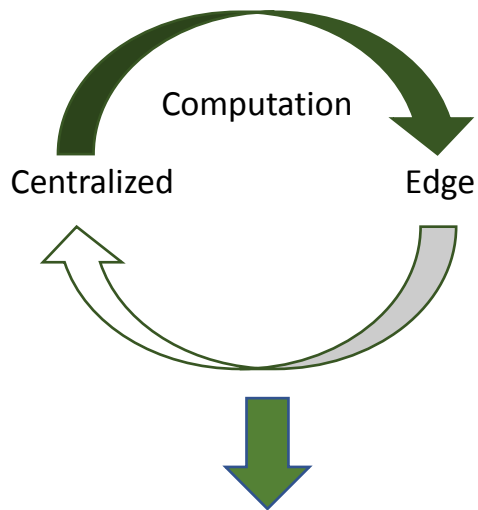


Community-driven hyperscale innovation for all.

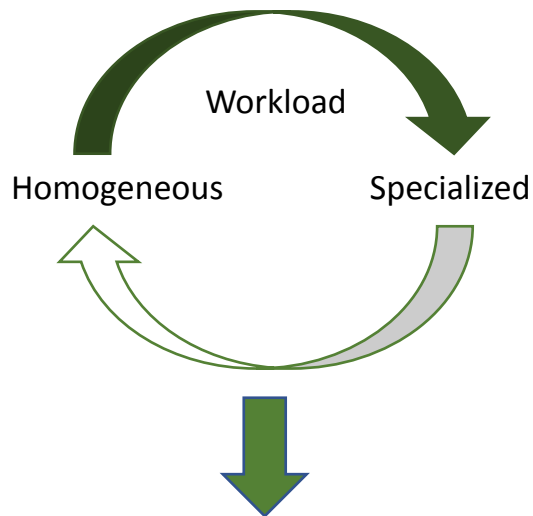
Members from a wide range of the industry



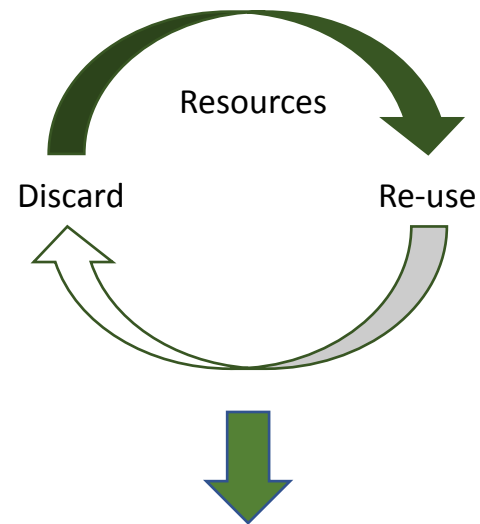
Market forces driving new innovations



IT Ecosystems

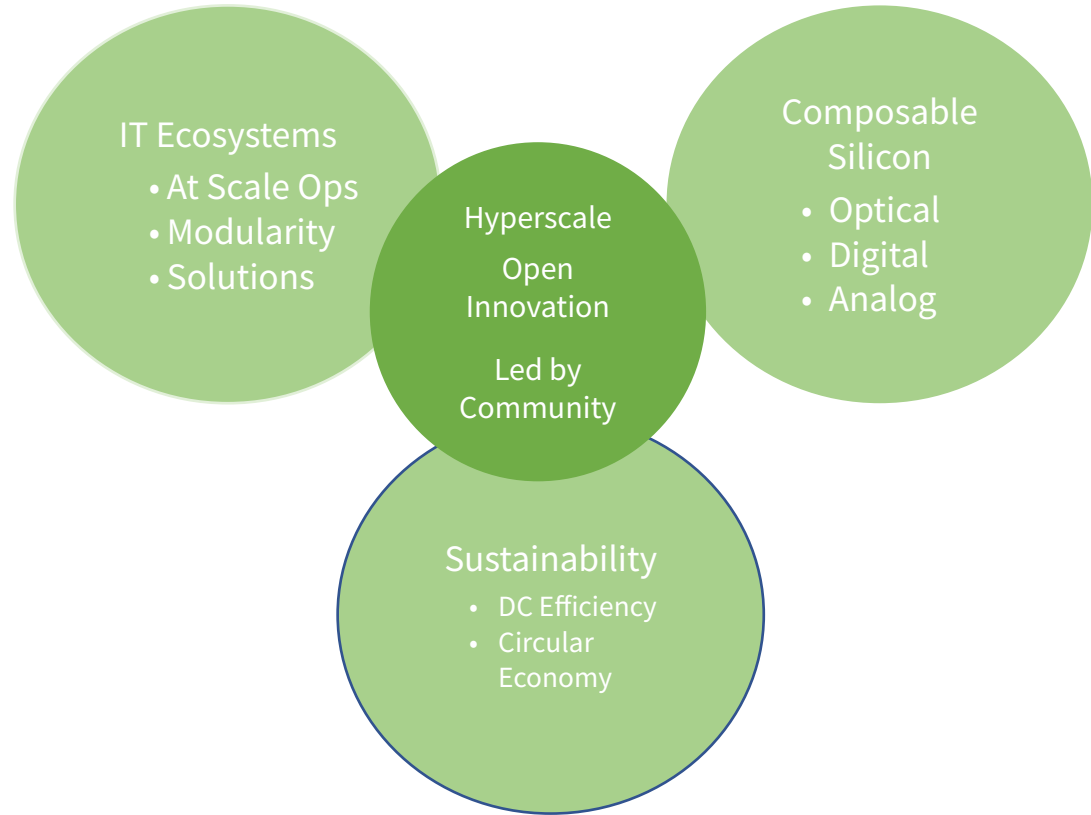


Composable Silicon

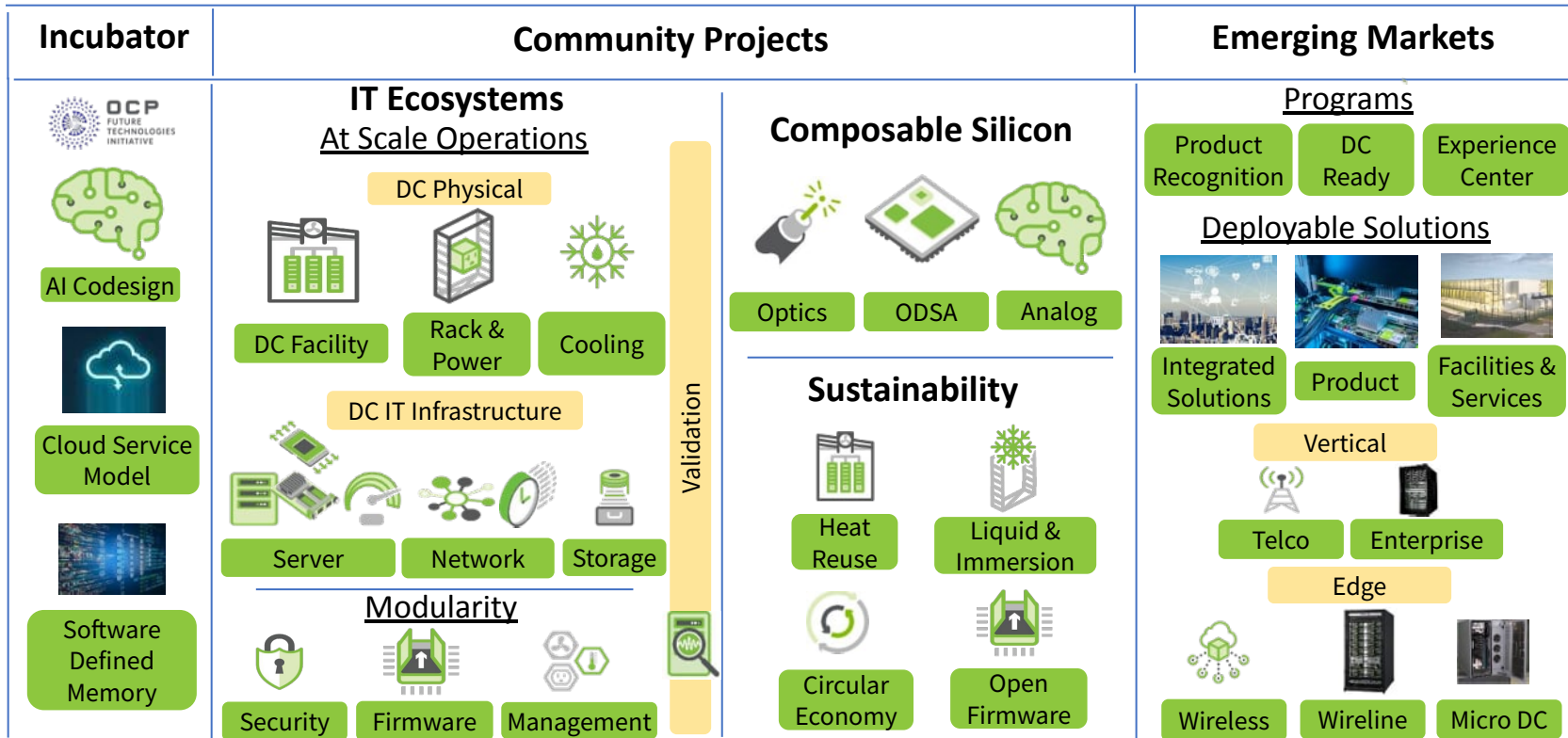


Sustainability

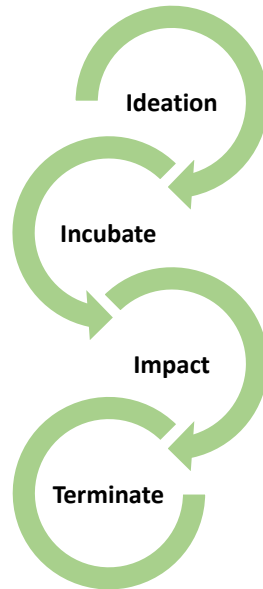
Market forces set agenda for investment



From incubator through projects to emerging markets



OCP project life cycle for disruption

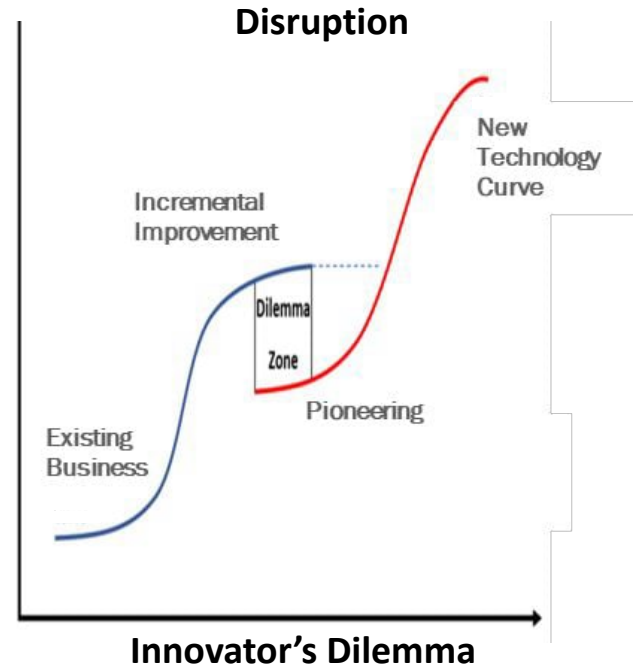


- Leadership identified
- Sandbox resources
- Mandate drafted

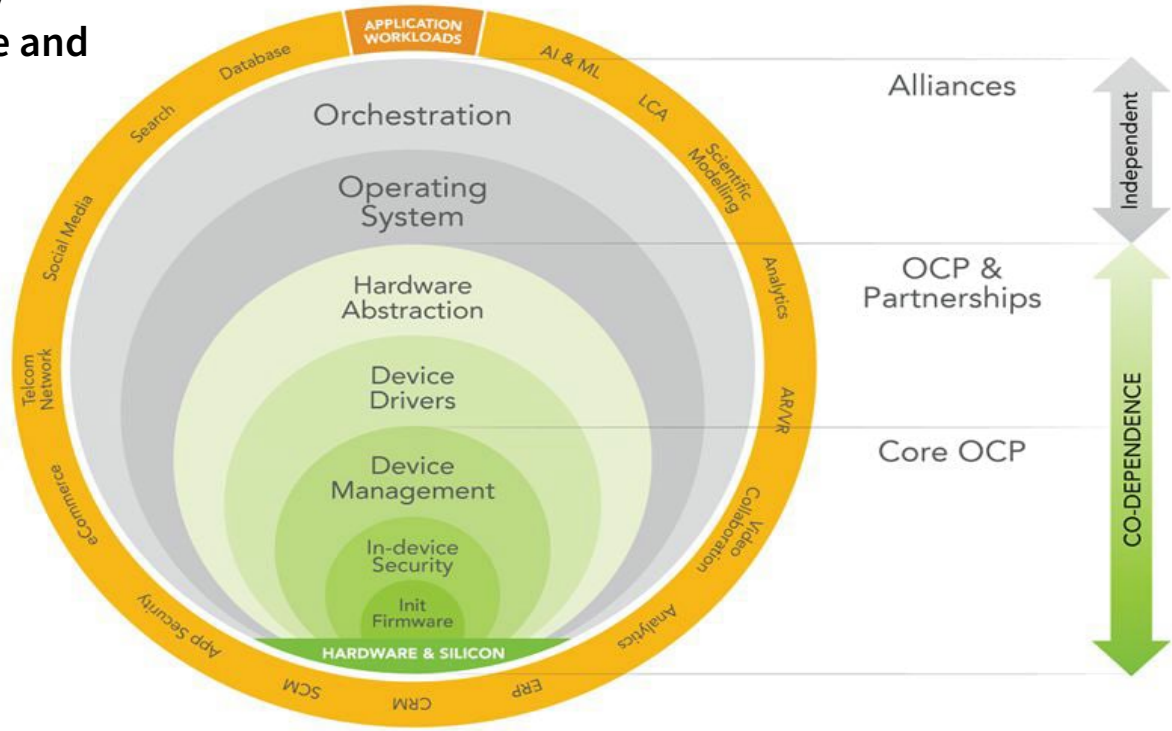
- Mandate ratified
- Governance adopted
- Resources acquired

- Leadership confirmed
- Mandate updated
- Timeline established
- Regular contributions

- Artifacts archived
- Resources released



OCP Hardware-software Co-design strategy provides hardware and software balance



OCP open source and standards ecosystem

Application
Orchestration



Infrastructure
Orchestration
And Tools



Operating
System



Middleware



Management



Computational
Infrastructure

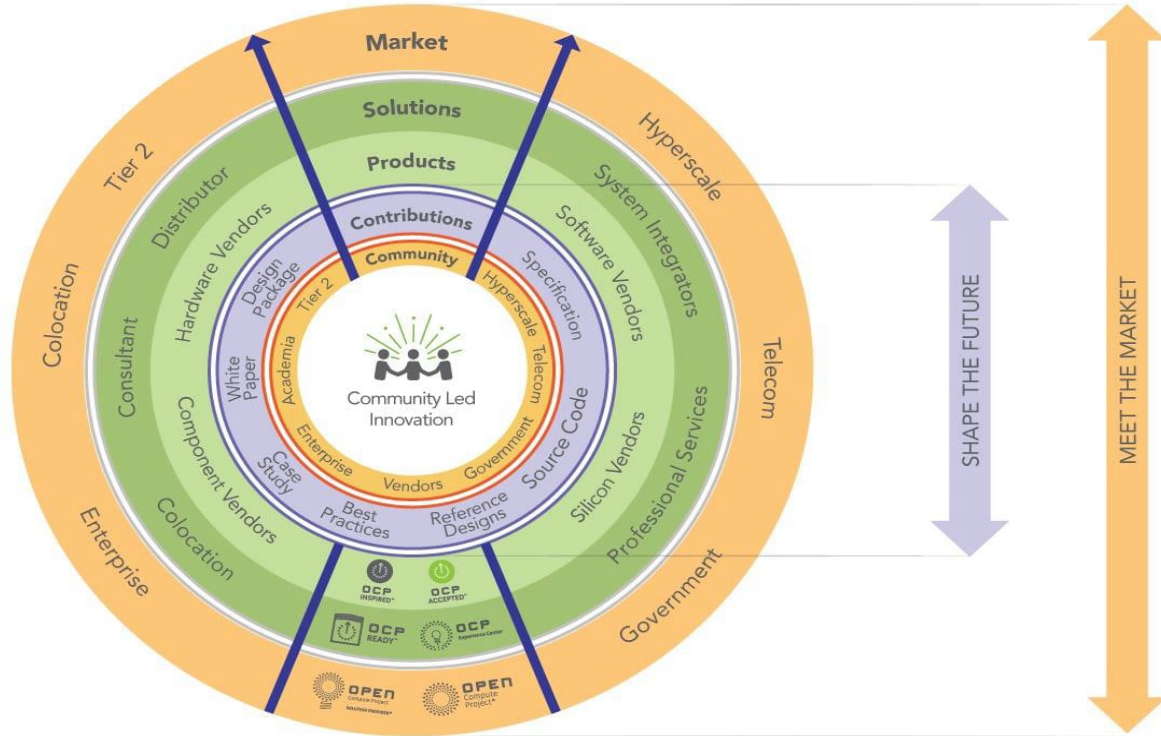


Components



Community-driven hyperscale innovation for all.

The entire market benefits from OCP





Community includes 50+
Volunteer Project Leaders

OCP Foundation staff serving the community



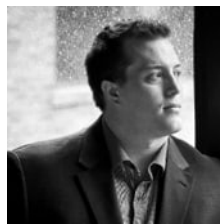
George Tchaparian
Chief Executive Officer



Steve Helvie
Vice President Emerging Markets



Dirk Van Slyke
Chief Marketing Officer



Michael Schill
Community Director



Cliff Grossner
Vice President Market Intelligence & Innovation



Kevin Kifer
IT Manager



Bill Carter
OCP Fellow Emeritus



Bijan Nowroozi
Chief Technology Officer



John Laban
Representative Europe



Kali Burdette
Director Global Events



Kate Hendle
Meeting & Events Specialist



Nick Bullock
Director Finance



Lesya Dymyd
Consultant



Mark Dansie
OCP Ready Program Lead

OCP Foundation board members setting direction



Rebecca Weekly
Board Chair



Partha Ranganathan
Google



Mark Roenigk
Meta



Zaid Kahn
Microsoft Corporation



Anurag Handa
Intel



Andy Bechtolsheim
Individual



George Tchapanian
OCP CEO

Get involved!

Join

- Project Mailing Lists
- Project Calls

Drive

- Project Focus
- Thought Leadership

Run

- Project Leaders
- Technical Steering Committee

Contribute

- Specifications
- Products & Facilities

Attend

- OCP Summits
- OCP Panels
- OCP Webinars
- 3rd Party events
- OCP Engineering Workshops
- OCP Events

Learn more at opencompute.org!



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OCP Community Delivered Innovations

Product

- 
Specs
- 
Design Files
- 
Product / Facility Recognition

Best Practices

- 
Reference Architecture
- 
Tested Configs
- 
White Papers
- 
Embedded SW
- 
Case Studies
- 
Seminars
- 
Requirements Documents
- 
Videos



50+ Elected Volunteer
Project Leaders
... from 23 companies.



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COMMUNITY: PROJECTS & SUB-PROJECTS



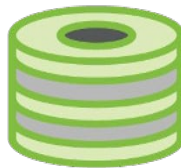
Networking

Interconnects, OPEN NTWK LINUX (ONL), OPEN NTWK INSTALL ENV (ONIE), ENTERPRISE CONNECTIVITY (ECS), SAI



Rack and Power

ORV3 POWER SHELF INPUT, ORV3 FRAME, ORV3 POWER SYSTEMS



Storage

NVMe SSD



Server

PCI 3.0 MEZZ, OPEN ACCELERATOR (OAI), OPEN DOMAIN SPECIFIC ARCHITECTURE (ODSA), HIGH PERF COMPUTING (HPC), SIOV R2. DC-MHS



Cooling Envmt

IMMERSION, Cold Plate, RDX, ACF, HEAT REUSE



DC Facility

MODULAR DC, OCP READY™, OTS



TELCO

EDGE



HW MGMT

OPENRMC-DM, HW MODULE MGMT, HW FAULT MGMT



Open Sys FW



SECURITY



TIME APPLIANCES



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Community-driven hyperscale innovation for all.

THE POWER OF OPEN COMMUNITIES



- Innovate, influence, lead and establish the new emerging technology roadmaps
- Connect and collaborate - access to industry-wide engineering and R&D
- Accelerate innovation and adaptable open standards in emerging technologies
- Accelerate time to market and mitigate supply chain risks
- Build brand recognition (technology thought leadership and access to industry talent pool)
- Ensure circular economy and sustainability



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TYPES OF CONTRIBUTIONS

TRADITIONAL



Specs



Design
Files



Product /
Facility
Recognition

OUT OF THE BOX



Reference
Architecture



Tested
Configs



White
Papers



Embedded
SW



Case
Studies



Seminars



Requirements
Documents



Videos



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OCP meeting the market and shaping the future

Hyperscale
Open
Innovation
Led by
Community



- Shared Innovations
- Community-Driven Standards
- Shared Best Practices
- Rapid Adoption and Transformation

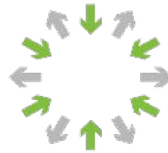
OCP
Core
Tenets:



Efficiency



Scalability



Openness



Impact

Coming
soon....



Sustainability