



Are You Down With OCP?



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Facebook's Open Vault storage array.
(Photo credit: Facebook)



The Open Rack-Open Vault cold storage.
(Photo credit: Facebook)

Open Compute Project (OCP) Foundation

TEAMWORK

Coming together is a **beginning**;

Keeping together is **progress**;

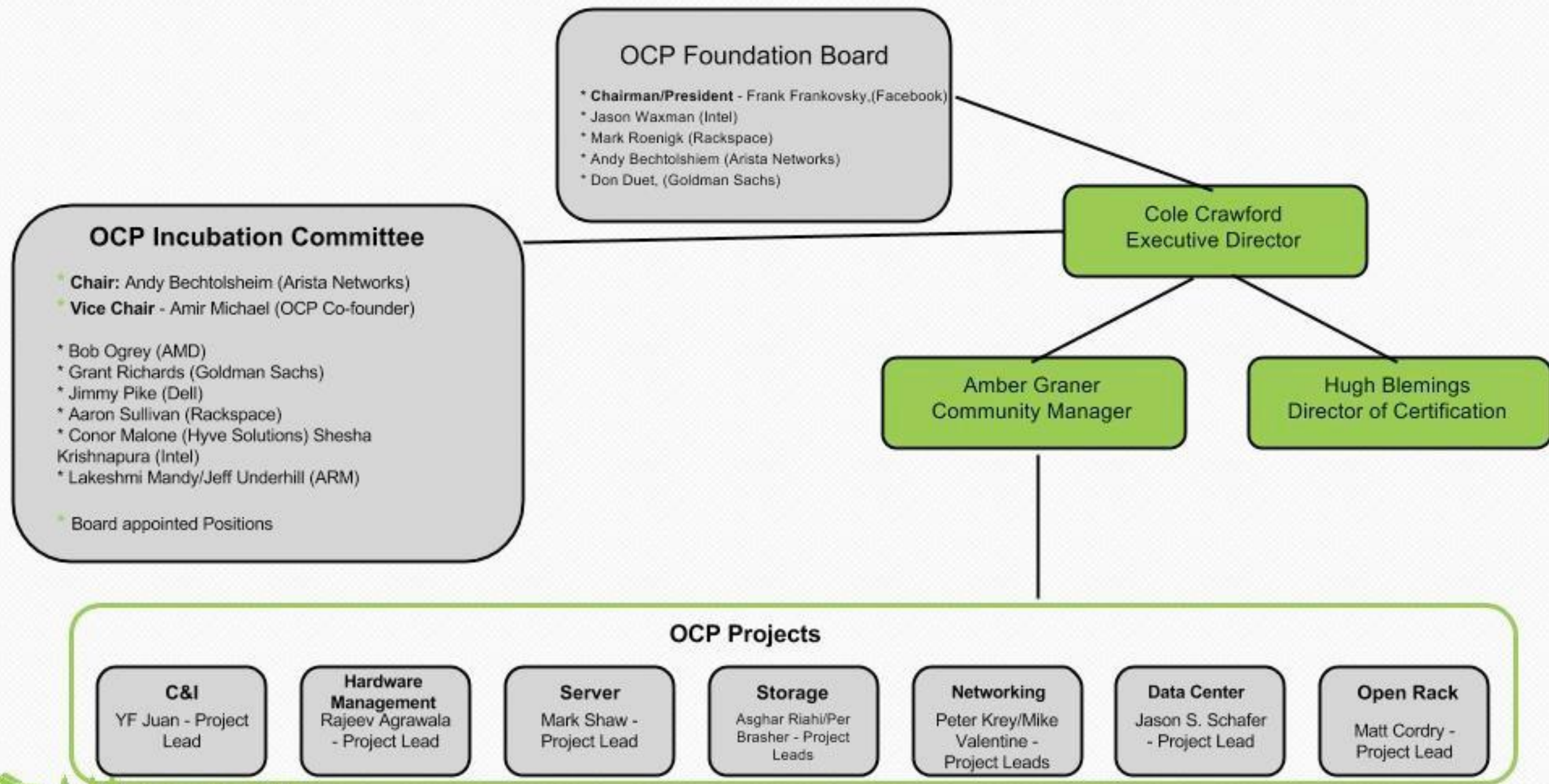
Working together is **success**.

~Henry Ford



What is OCP?

- Non-profit Organization
- Started in 2011 by Facebook
- Open and share the designs within the data center to define datacenter standardization
- Open Source (Not to follow vendors trend)
- Community lead (OCP Foundation, OCP Europe, OCP Korea, OCP Japan, OCP Australia
OCP Philippine, OCP Taiwan)



OCP Project Lead Summit '14

OCP Members



OCP Members



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OPEN
Compute Project

Solution Providers



The capability to deliver and support integrated rack level solutions

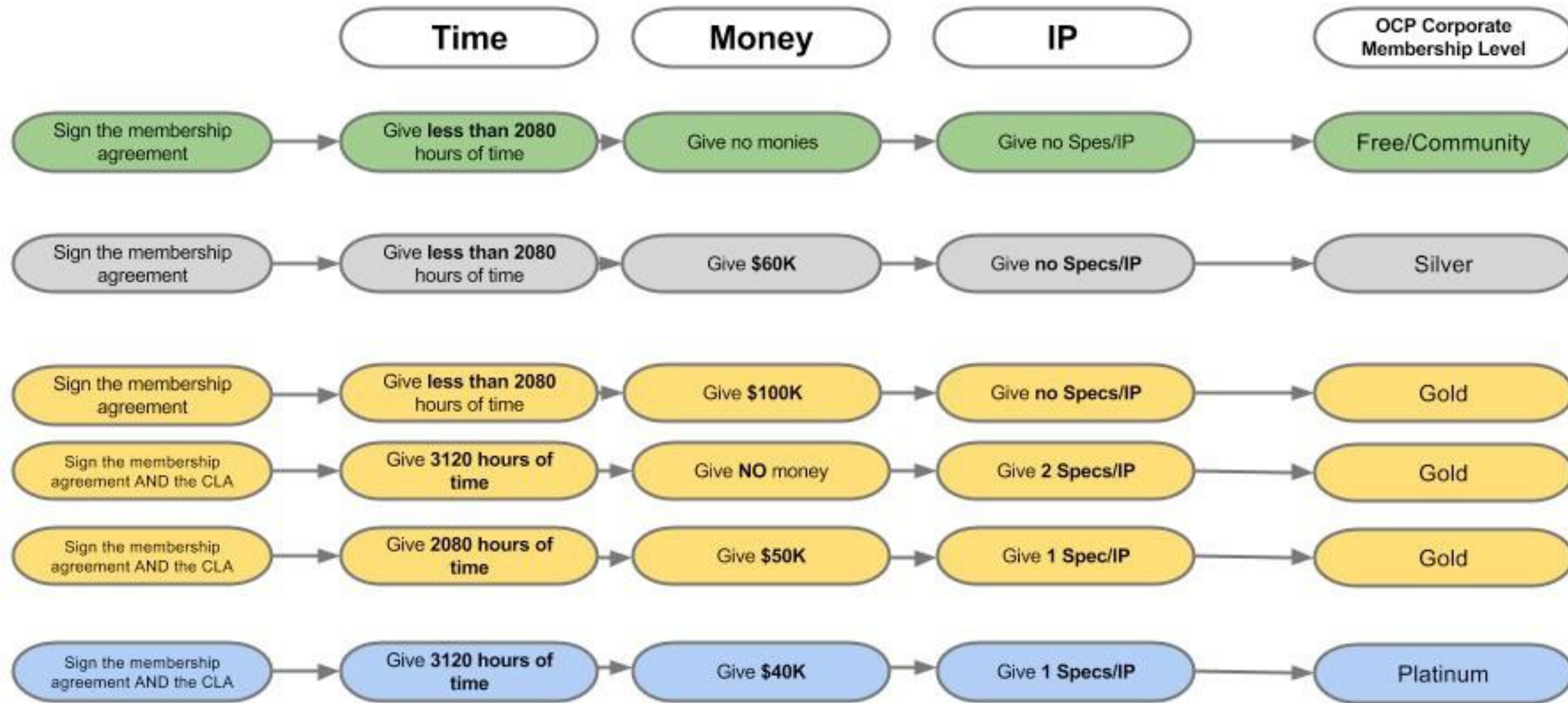
- Gold or Platinum Open Compute Project Membership
- Annual program fee
- Local engineering architecture resources for customer engagements
- Establish or maintain relationships with manufacturers of OCP products
- Establish an OCP lab to validate and certify solutions
- Foundation audits – sales information (quarterly) and manufacturing/delivery capability (yearly)
- Actively participate and contribute to the Open Compute Project

OCP Certification Labs

OCP Corporate Membership Levels

	Free/Community	Silver	Gold	Gold	Gold	Platinum
	Intellectual time (project contribution), No financial contribution or IP (Specs/Designs)	Financial Contribution (Only)	Financial Contribution (Only)	Intellectual time (project contribution) and IP (Specs/Designs) (No Financial Contribution)	Financial Contribution and Intellectual time (project contribution) and IP (Specs/Designs)	Financial Contribution and Intellectual time (project contribution) and IP (Specs/Designs)
	Intellectual time (project contribution) only	\$60K and you get the following	100K and you get the following	3120** hours of Intellectual time (project contribution) + 2 IP (Specs/Designs) and No Financial Contribution	\$50K + 2080* hours of Intellectual time + 1 IP Contribution	\$40K + 3120* hours of Intellectual time (project contribution) + 1 IP (Specs/Designs)
Voting For IC Members	NO	NO	YES	YES	YES	YES
Discount on Summit Sponsorship	NO	10% off	15% off	15% off	15% off	20% off
Discount on Summit Training	NO	10% off	15% off	15% off	15% off	20% off
Eligible to Become a Solution Provider	NO	NO	Yes +additional \$50K	Yes +additional \$50K	Yes +additional \$50K	Yes +additional \$30K
Discounts off Submissions for the OCP Certification Program	NO	NO	NO	15% off	15% off	20% off

Ways to reach OCP Corporate Membership



*2080 = 1 full time person per year
 *3210 = 1.5 full time people per year

Membership Logos



Collaborate

Contribute

Consume

Collaborate - Events

- OCP Summits
- Engineering Workshops
- OCP Days
- OCP On The Road
- Local Meetups(OCP Korea Launch in May 2014)

<http://www.opencompute.org/community/events/>

Collaborate - Online

- **Projects**
- Compliance and Interoperability
 - Data Center
- Hardware Management
 - Networking
 - Open Rack
 - Storage
 - Server

<http://www.opencompute.org/community/get-involved/>

Collaborate - Online

•Projects

- Compliance and Interoperability
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- Storage
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- Mailing List
- IRC Channels
- Wiki
- Meetings
- Website

<http://www.opencompute.org/community/get-involved/>

Contribute

http://www.opencompute.org/wiki/Files_and_Specs

Consume

Server scale implications

	< 10K SMB/Enterprise	100K Hosters	1M Cloud-Scale
Deployment	Individual Servers	100-1000servers	>10,000 servers
Procurement Process	EA/RFP	RFP	Direct Component Sourcing
Materials Management	N.A	Supplier managed	Consignment
Manufacturing	N.A	Supplier managed	Contract Manufacturing
HW Quality	N.A	Supplier managed	Self - Warranty

OCP 5대 제안

- ◆ OCP 장비 기술을 채택하고 에너지 효율성을 높여라
- ◆ 낮은 전력을 사용하는 아키텍처를 선택하라 [예 : SSD , ARM]
- ◆ 외기냉방 (air side economization) 을 도입하라
- ◆ 높은 온도 / 상대습도(RH%)에서 데이터 센터를 운영하라
- ◆ Open Source Software & HW 사용함에 주저하지 말라

Find out more information at:

<http://www.opencompute.org/>

Follow OCP:

Facebook: <http://www.facebook.com/groups/opencompute/>

Twitter: <http://twitter.com/Opencomputeprj>

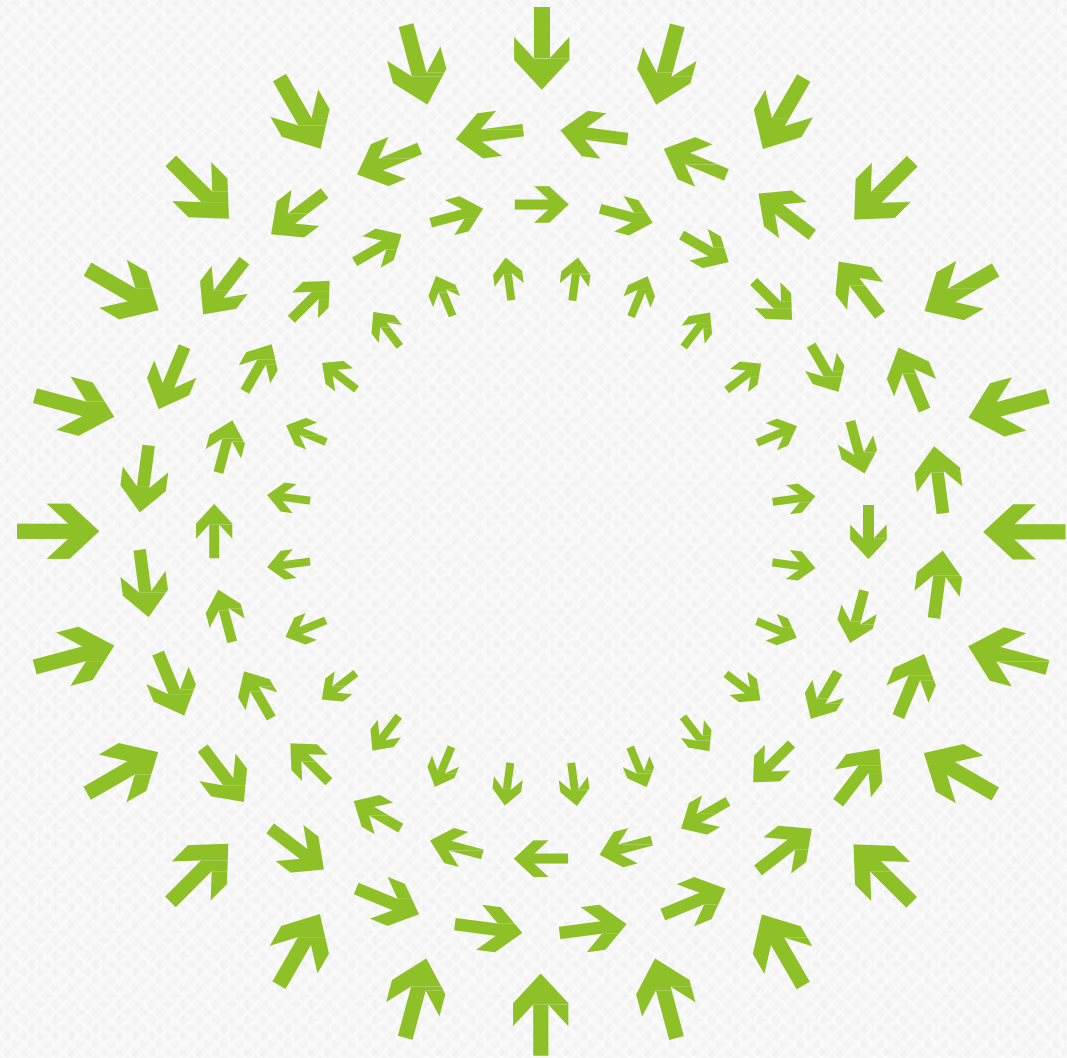
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Compute Project

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