

REDUCE THE CARBON FOOTPRINT OF YOUR CLOUD-NATIVE WORKLOADS NOW

Erik Riedel, PhD Senior VP, Engineering | ITRenew

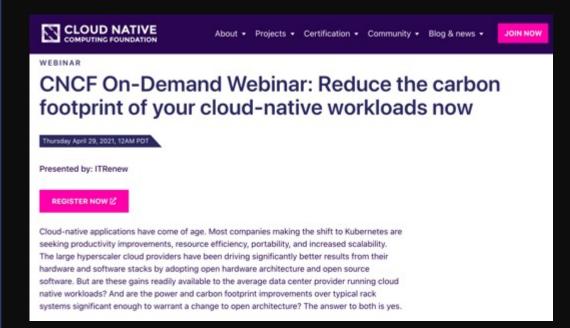
@RiedelAtWork

Andy Randall @andrew_randall Chief Commercial Officer | Kinvolk

CNCF Member Webinar

Reduce The Carbon Footprint of Your Cloud-Native Workloads Now

29 April 2021



Cloud-native applications have come of age. Most companies making the shift to Kubernetes are seeking productivity improvements, resource efficiency, portability, and increased scalability. The large hyperscaler cloud providers have been driving significantly better results from their hardware and software stacks by adopting open hardware architecture and open source software. But are these gains readily available to the average data center provider running cloud native workloads? And are the power and carbon footprint improvements over typical rack systems significant enough to warrant a change to open architecture? The answer to both is yes.

Join Erik Riedel of ITRenew, and Andy Randall of Kinvolk, to learn about reducing your carbon footprint and achieving better computing economics for your cloud-native workloads today.



Photo by <u>Tim Mossholder</u> from <u>Pexels</u>

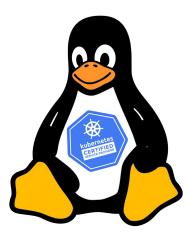


OPEN.

Yes, We're

Open

Kinvolk – the power of community







Expertise

Deep-stack Linux and

Kubernetes

Values

Contributing > Consuming

Cooperating > Competing

Community > Product

Welcoming > Excluding

Mission

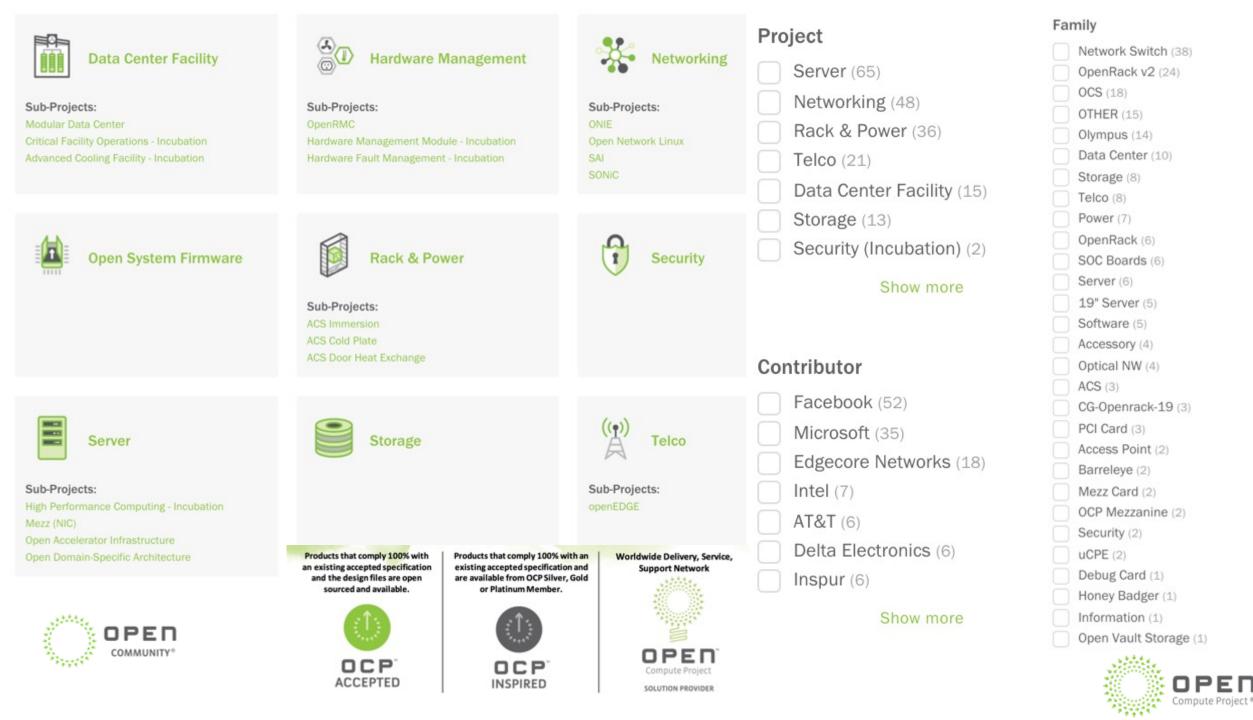
To build and promote a

100% open source

enterprise-grade

Cloud-Native stack







Hardware Clusters











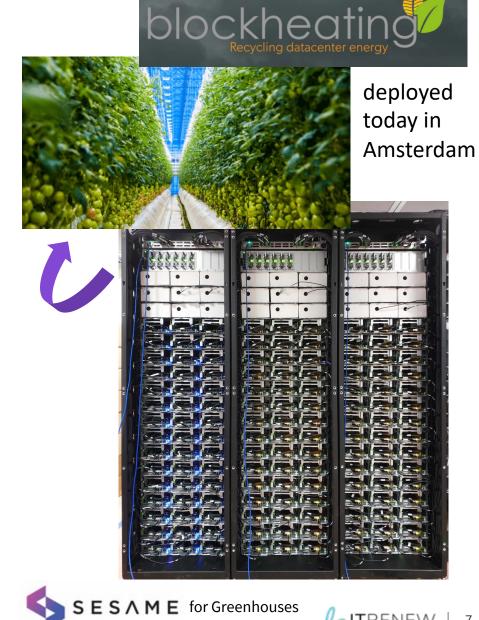
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internal TOR switches (2x)			
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power zone BB			
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compute compute compute storage storage	compute compute compute storage storage	compute compute compute storage storage	

power zone AA

up to 48 nodes

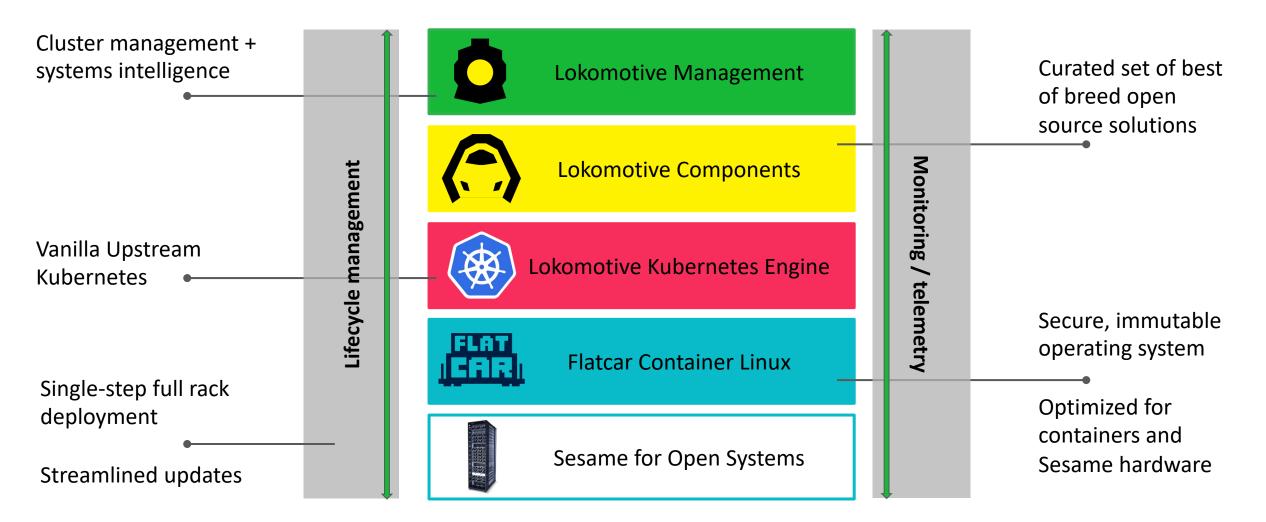


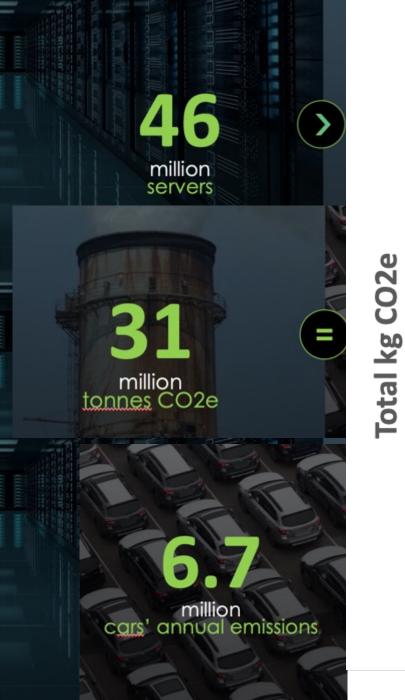


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The Open Cloud Native Stack for Sesame





9-Year Total kg CO2e Comparison

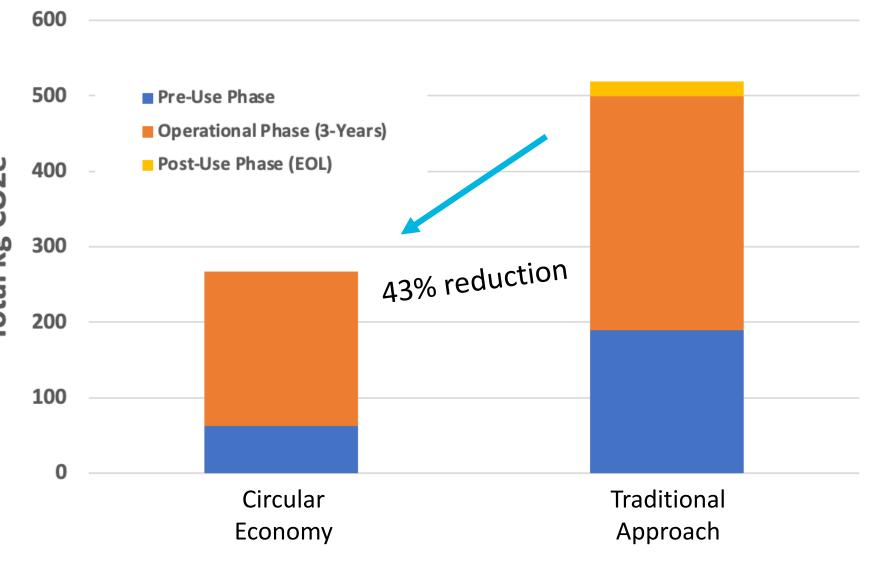






Photo by Paul Carroll on Unsplash

CALL TO ACTION

CHECK US OUT ON OUR WEBSITE:

www.itrenew.com/sesame www.itrenew.com/resources



Watch Video: Sesame By ITRenew

QUESTIONS OR COMMENTS, REACH US:



@RiedelAtWork



/in/er1p

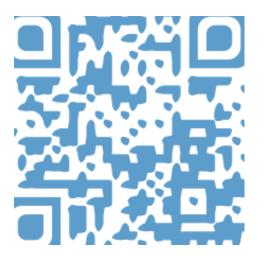




engineering leader, do-er, & creator @itrenewinc; pursuing sustainable #innovation; democratizing tech; #inclusive teams; german in the US; thinking big; he/him

💿 Boston, MA 🔗 twittter.com/er1p 🔠 Joined September 2016

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https://github.com/SesameEngineering

