


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871643



**MORPHEMIC**


# MorpheMIC

Autonomic Multi-Cloud  
Application Management


Geir Horn, University of Oslo

[www.morpheMIC.cloud](http://www.morpheMIC.cloud)

1



**MORPHEMIC**



## Download Melodic

<http://www.melodic.cloud/download/>  
released under MPL 2.0

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871643

[www.morpheMIC.cloud](http://www.morpheMIC.cloud)

2



## Melodic - why?

- Simple and **easy way to use Cross-Cloud**
- Unified way to deploy and manage
  - Virtual Machines
  - containers
  - Serverless
  - big data frameworks
 to different Cloud Providers – at the same time!
- **Autonomic deployment and management**
- **Optimization** of cloud resources

3

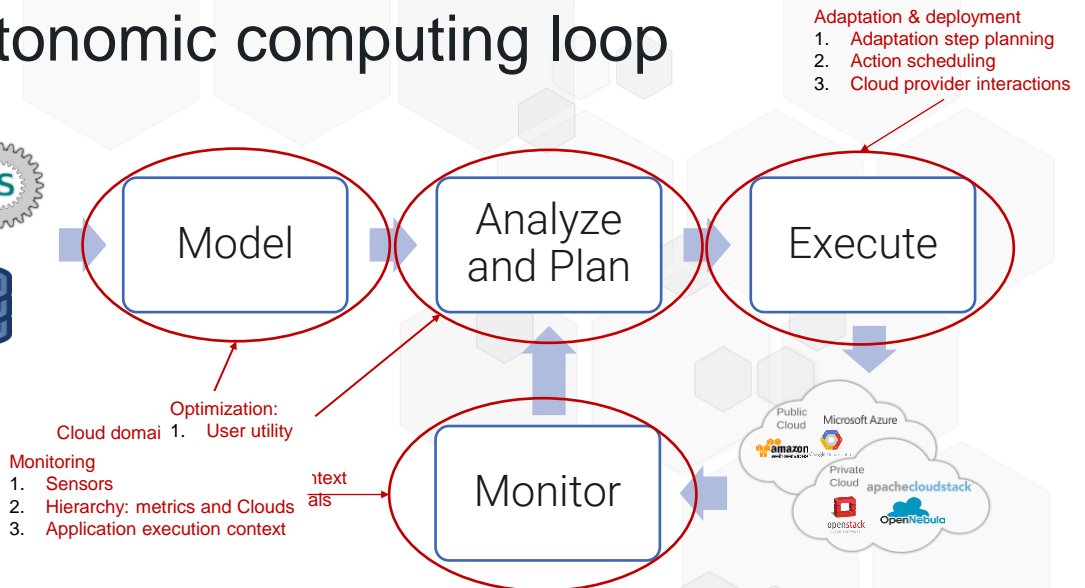
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871643

www.morphecloud.com

3



## Autonomic computing loop

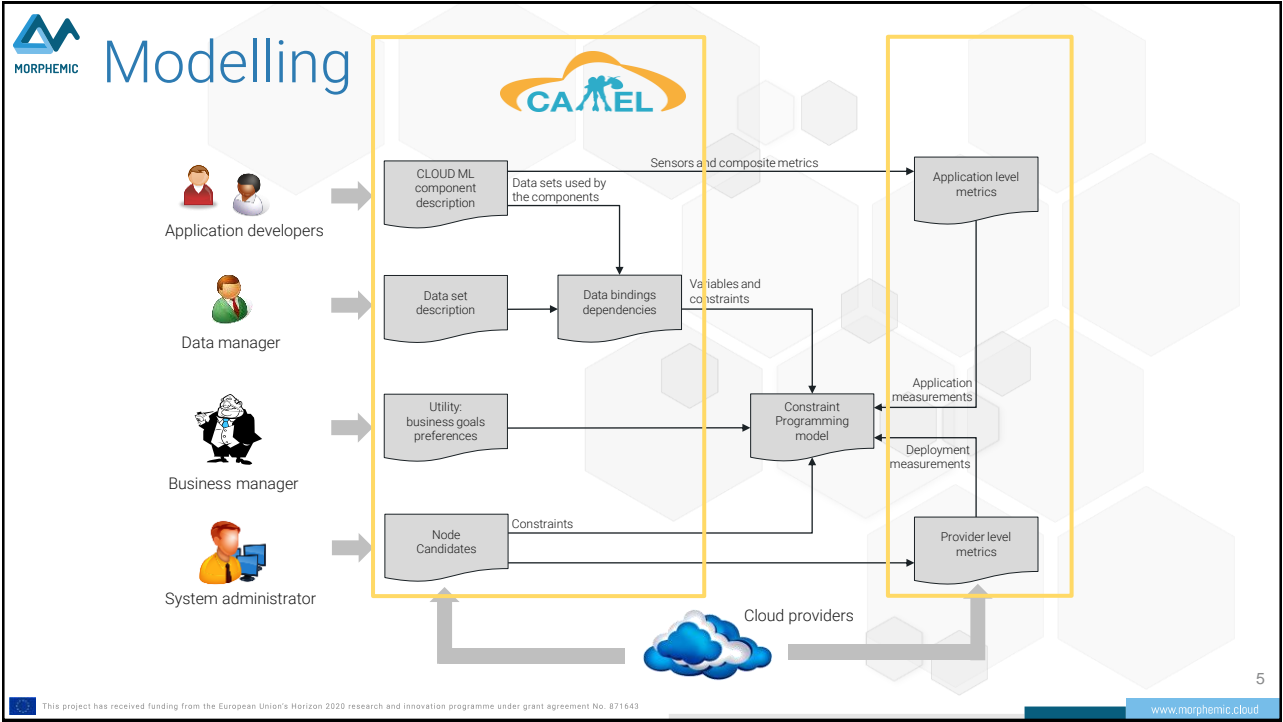


An architectural blueprint for autonomic computing, IBM, White Paper on Autonomic Computing, Third Edition, June 2005

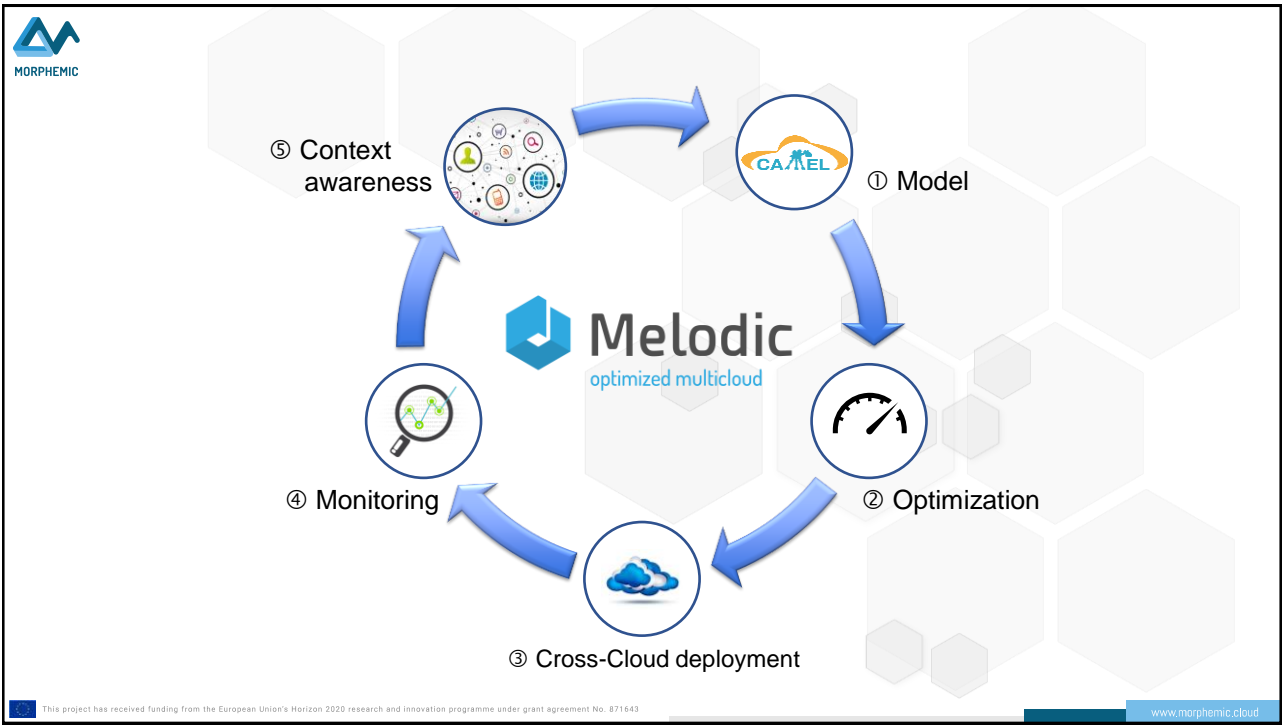
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871643

www.morphecloud.com

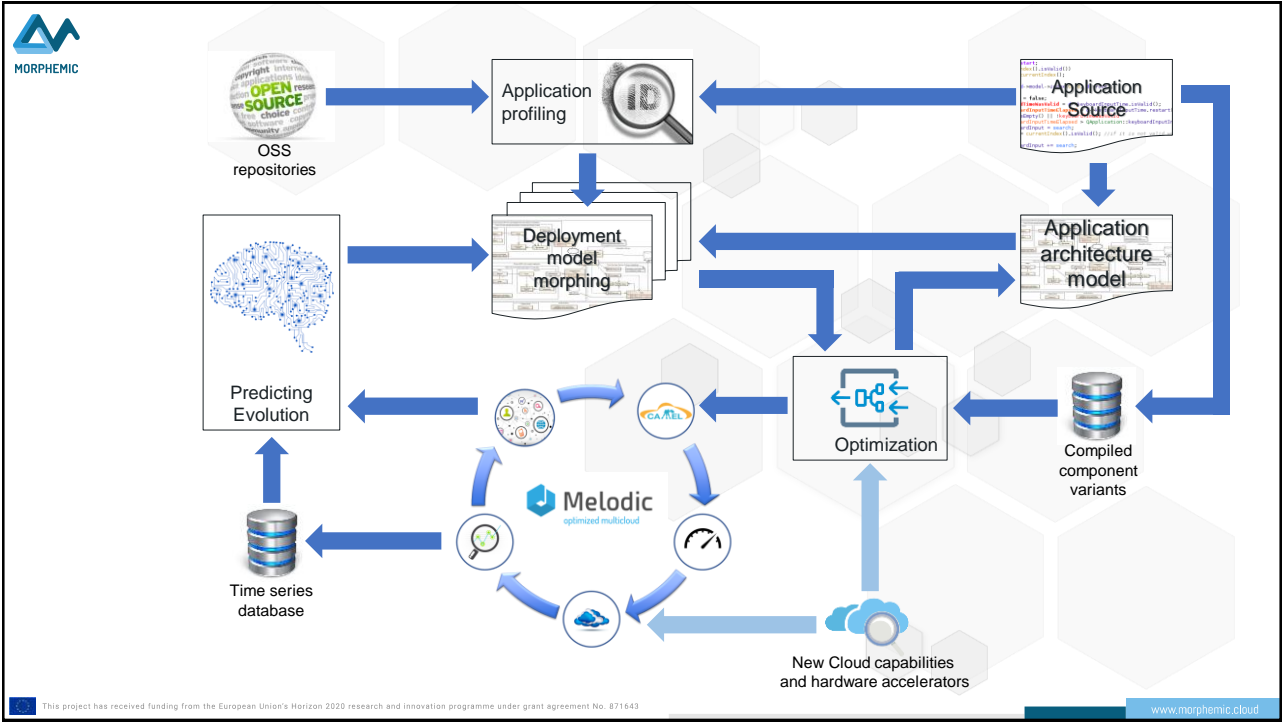
4



5




6



7

**Geir Horn**  
University of Oslo  
[Geir.Horn@mn.uio.no](mailto:Geir.Horn@mn.uio.no)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871643






**MORPHEMIC**

The truth was obscure, too profound and too pure  
To live it you have to explode  
In that last hour of need, we entirely agreed  
Sacrifice was the code of the road

There's a white diamond gloom on the dark side of this room  
And a pathway that leads up to the stars  
If you don't believe there's a price for this sweet paradise  
Remind me to show you the scars

**Bob Dylan**  
*Where Are You Tonight? (Journey Through Dark Heat)*

-  [www.morphemic.cloud](http://www.morphemic.cloud)
-  [facebook.com/MorphemicProject](https://facebook.com/MorphemicProject)
-  [www.linkedin.com/showcase/morphemic-project](https://www.linkedin.com/showcase/morphemic-project)
-  [twitter.com/\\_morphemic\\_](https://twitter.com/_morphemic_)



[www.morphemic.cloud](http://www.morphemic.cloud)

8