

The value of flexible manufacturing of vaccines

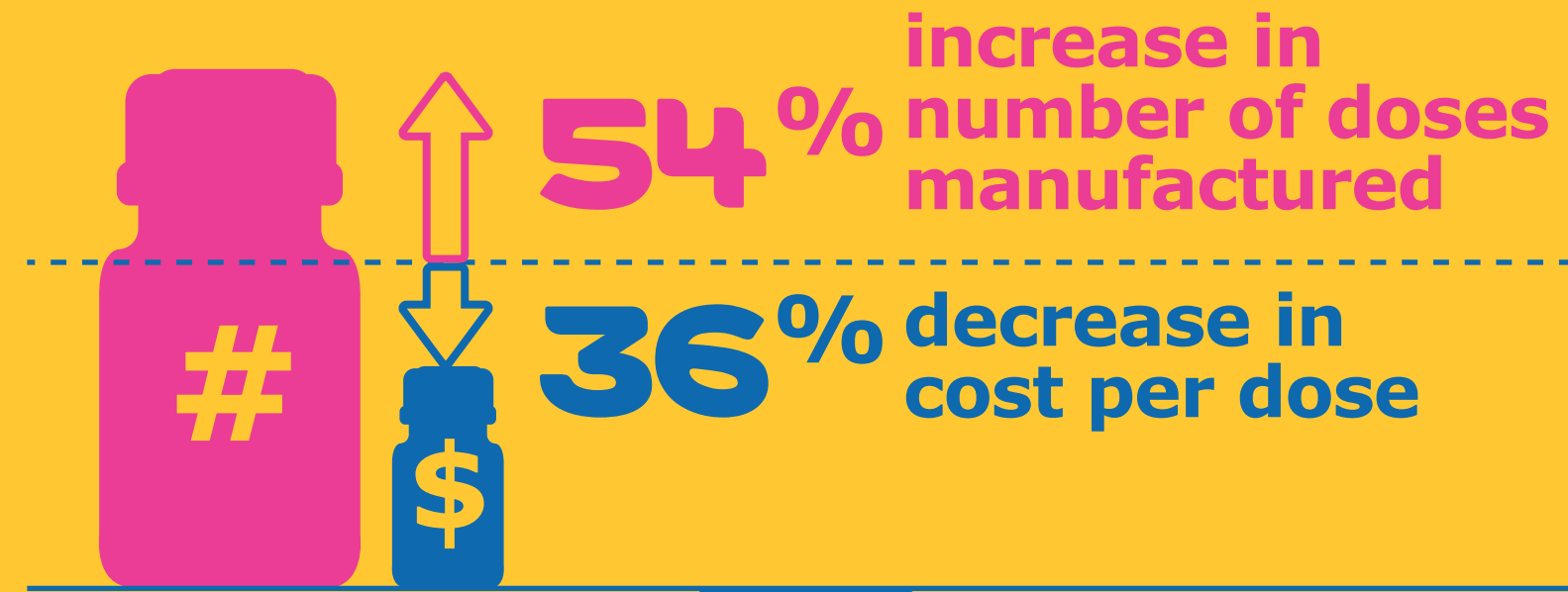


Single-use consumables can account for:

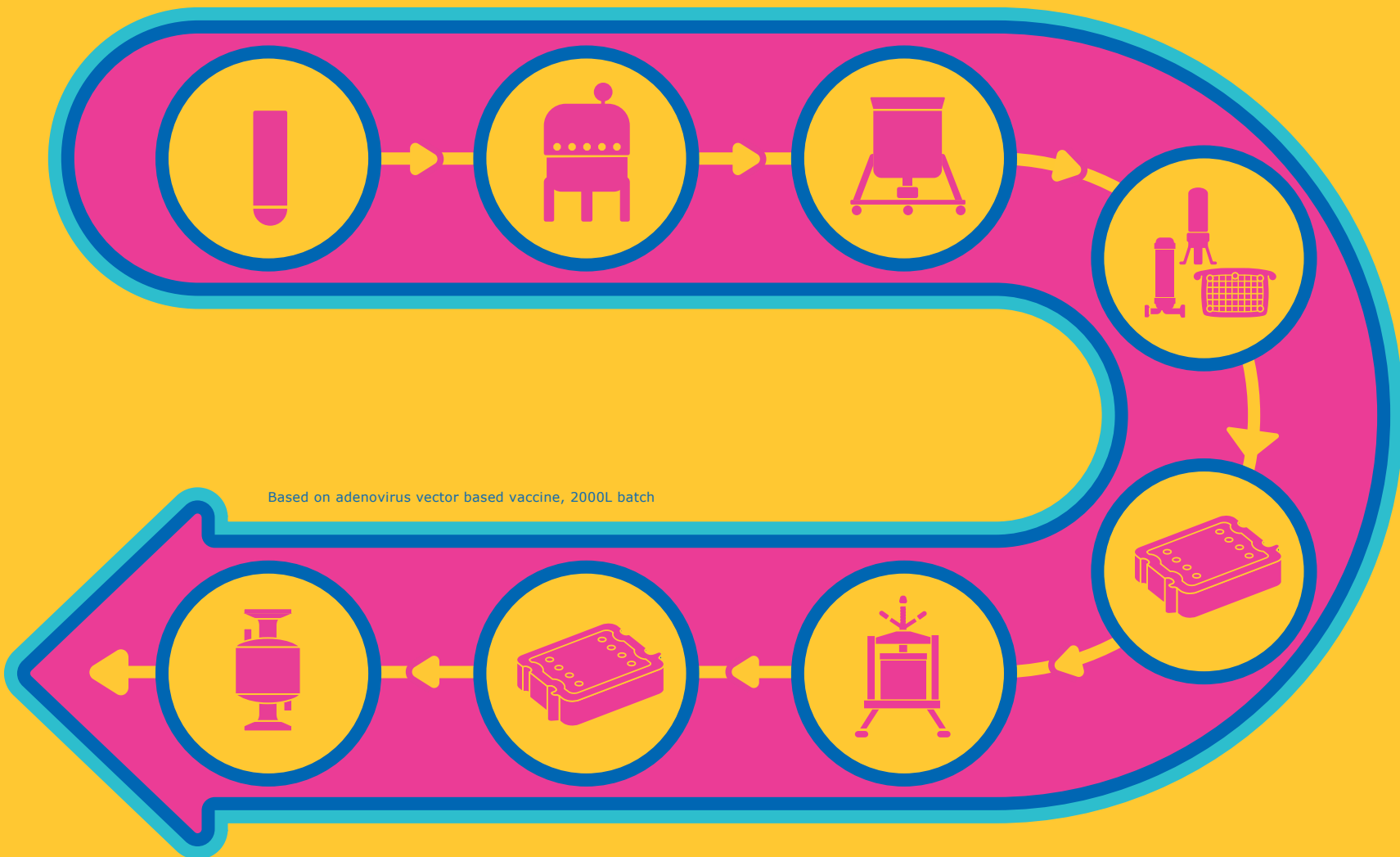


<5%
of the total
cost of goods

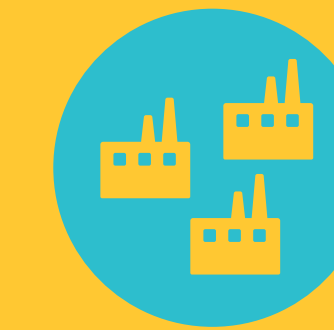
A single-use facility would represent a:



Single-use technologies allow for higher flexibility and increased manufacturing capacity.



Better response to pandemics



Fit for decentralized manufacturing

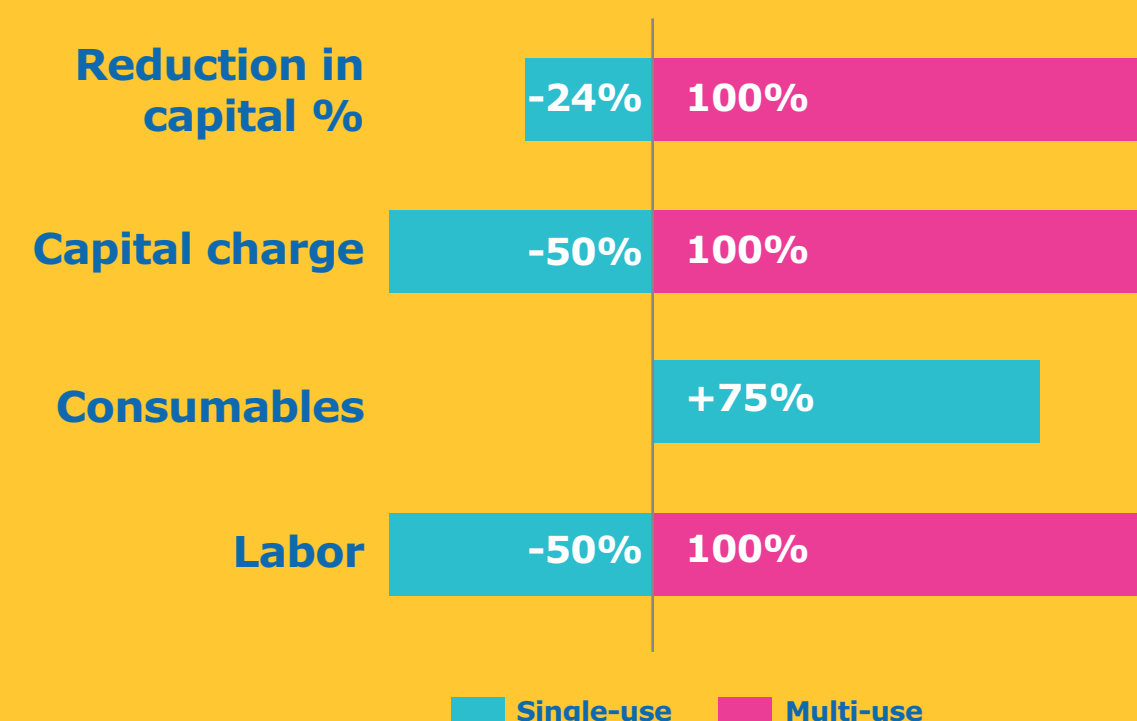


Multiproduct facilities



Cost modeling of vaccine manufacturing

Single-Use vs. Traditional Stainless Steel (40M doses)



Based on inactivated viral vaccine, 500L batch, 40 Million doses/year

The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

© 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. MilliporeSigma, the vibrant M and Millipore are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

Lit. No. MS_PS6930EN00

Millipore®

Preparation, Separation, Filtration & Monitoring Products