

TEAM LACK



PARIDE
ACIERNO



MICHEL
BELLOMO



LUCA
BERTOLASI



PAOLO
CAVICCHIOLI



LORENZO
IPPOLITO



FRANCESCA
RAFFELLI



How much milk is wasted
before you enjoy
your cappuccino?

116m tons

Dairy products wasted globally per year

Equal to 15 million red buses

EUTROPHICATION



A photograph of an industrial facility with numerous tall smokestacks emitting thick, dark plumes of smoke that rise into a hazy, orange-tinted sky. In the foreground, there is a dark, rocky, and uneven terrain. The overall scene conveys a sense of heavy industrial activity and environmental impact.

GREENHOUSE

GAS EMISSIONS



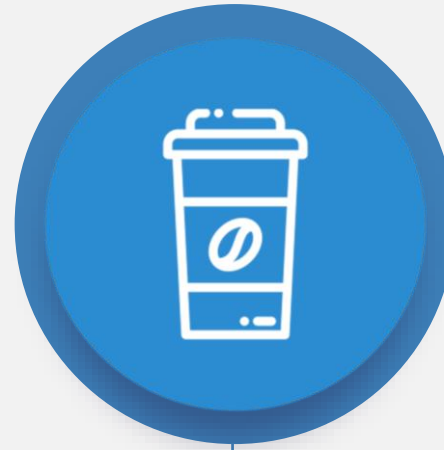
MILK PRODUCER

Optimizing the
production planning



DISTRIBUTORS

Facing variable
demand



CAFÉS

Consuming all the
purchased milk



FINAL CONSUMERS

Saving money

TIMING

**“I WILL PRODUCE
12
BOTTLES OF MILK”**



**“I WILL PURCHASE
10
BOTTLES OF MILK”**



TIMING

**“I WILL PRODUCE
12
BOTTLES OF MILK”**



**“I WILL PURCHASE
10
BOTTLES OF MILK”**



**“I WILL PURCHASE 8
BOTTLES OF MILK”**



TIMING

“I WILL PRODUCE
12
BOTTLES OF MILK”



“I WILL PURCHASE
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“I WILL PURCHASE 8
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TIMING

“I WILL PRODUCE
12
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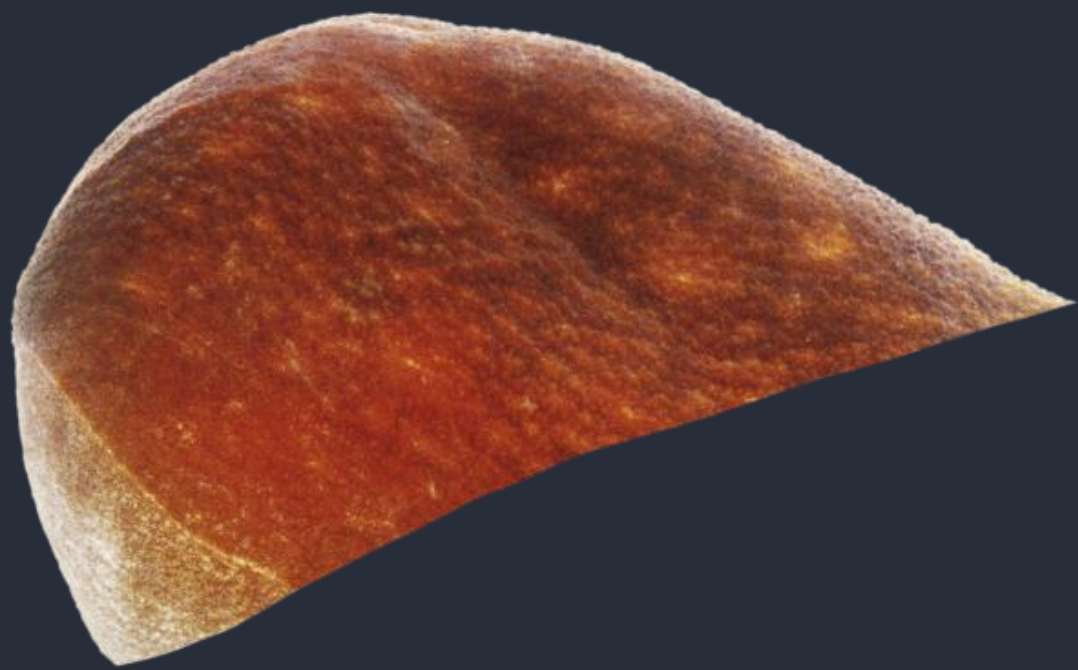


“I WILL PURCHASE
10
BOTTLES OF MILK”



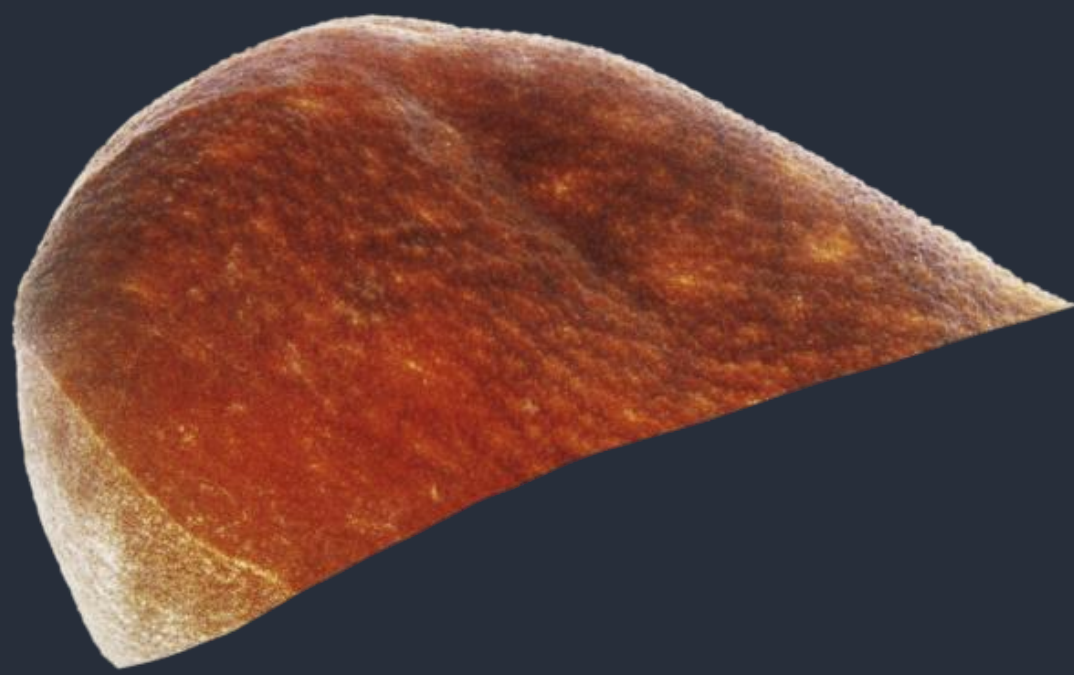
“I WILL PURCHASE 8
BOTTLES OF MILK”















«**Networking in
the supply
chain is
important**»

(Luca,
LEGACOOOP)



«**Sharing of information** with the distribution would ease the production planning»

(Giorgio, COOP)

**COLLABORATIO
N**

LACKTOPUS



Service of **sharing** and **elaboration** of information between the actors of the supply chain, with the aim to **improve effectiveness** of the process of production, supply and distribution, and to **value** the product. **Milk waste is reduced.**

ELABORATION

of information through our
algorithm

EFFECTIVENES

S

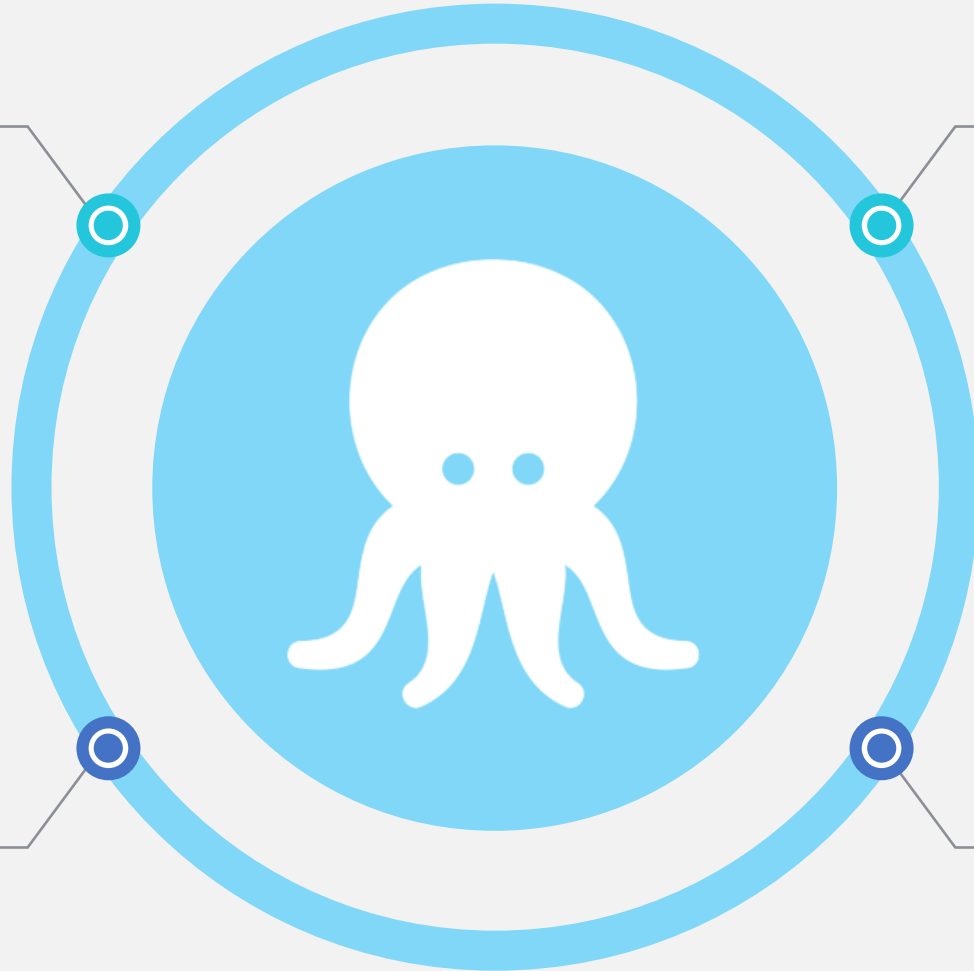
improved in the processes
of production, supply and
distribution

SHARING

of information between the
actors

VALUE

of instead wasted milk is
increased



FUNCTIONS OF THE SERVICE



Forecasting market
demand



Tracking the
distributors' stock

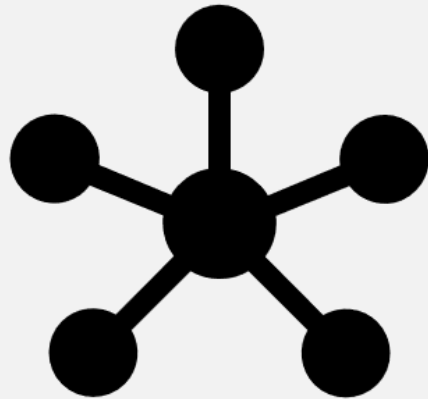


Performance
visualization



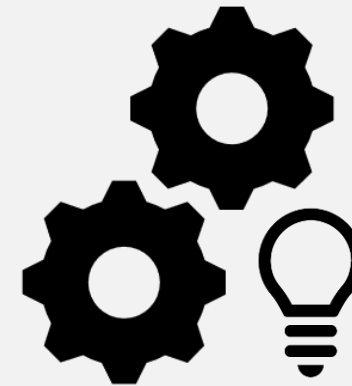
New market for
expiring products

SHARING



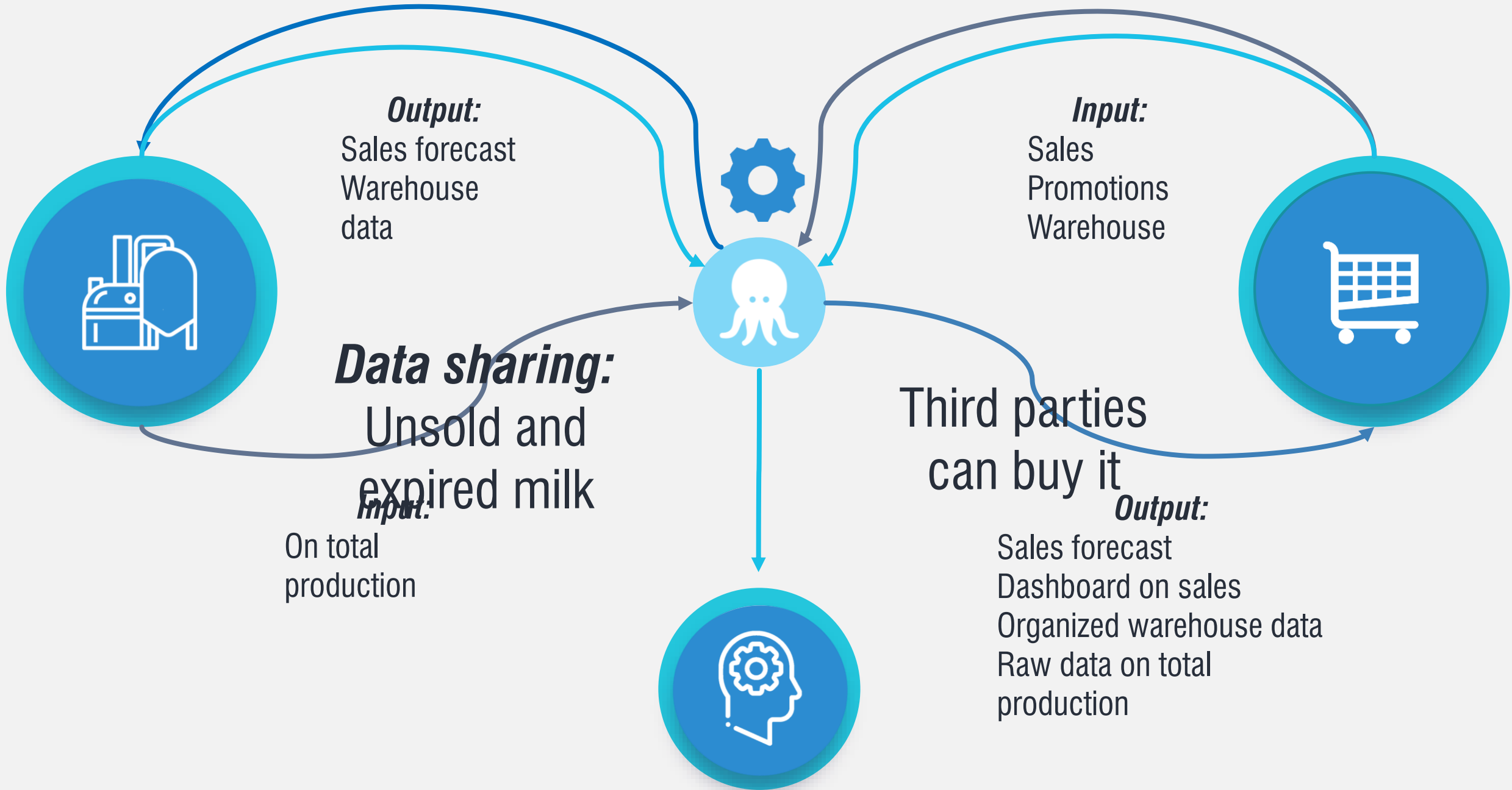
- Data
- Information
- Interaction

ALGORITHM



Machine Learning algorithm based on **clusterization** of the storical data, finding the nearest class for the new data and **regression** for forecasting



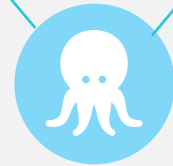


TIMING

“IT IS FORECASTED
I WILL PRODUCE 9
BOTTLES OF MILK”

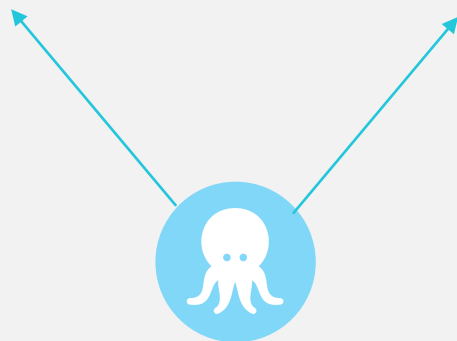


“IT IS FORECASTED
I WILL SELL 9
BOTTLES
OF MILK”



TIMING

**“IT IS FORECASTED
I WILL PRODUCE 9
BOTTLES OF MILK”**



**“IT IS FORECASTED
I WILL SELL 9
BOTTLES
OF MILK”**



**“I WILL PURCHASE 8
BOTTLES OF MILK”**



TIMING

**“IT IS FORECASTED
I WILL PRODUCE 9
BOTTLES OF MILK”**



**“IT IS FORECASTED
I WILL SELL 9
BOTTLES
OF MILK”**



**“I WILL PURCHASE 8
BOTTLES OF MILK”**



TIMING

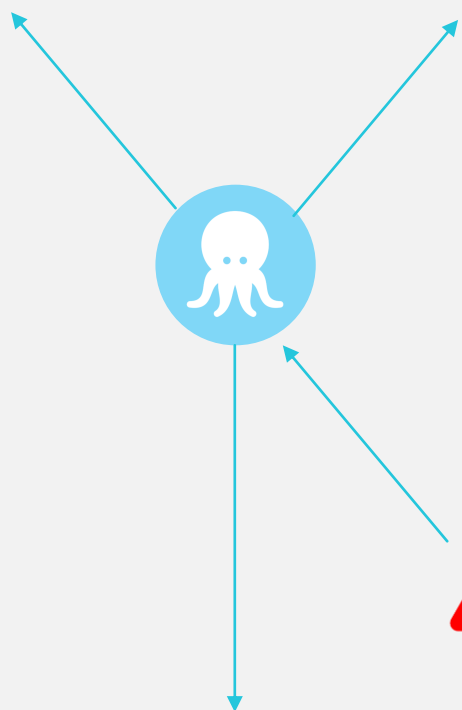
“IT IS FORECASTED
I WILL PRODUCE 9
BOTTLES OF MILK”



“IT IS FORECASTED
I WILL SELL 9
BOTTLES
OF MILK”



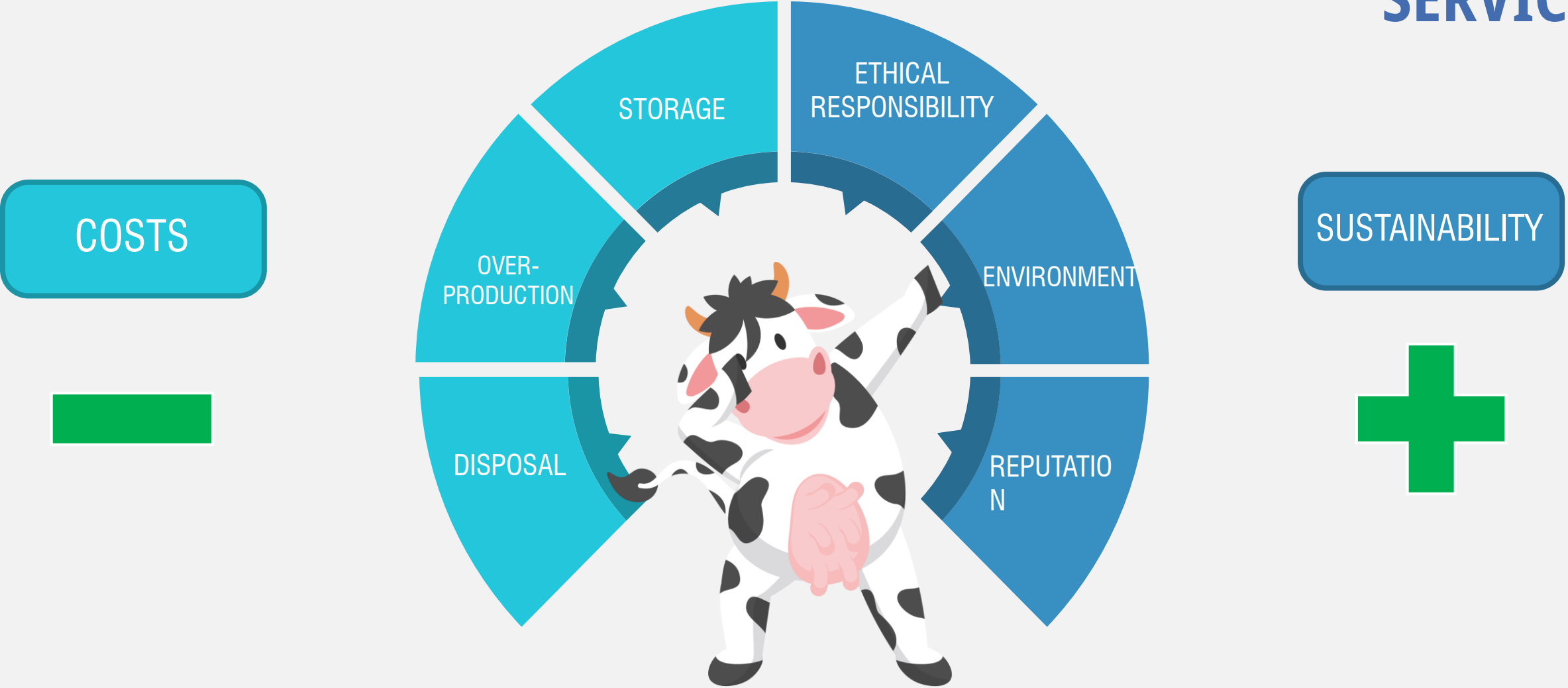
“I WILL PURCHASE 8
BOTTLES OF MILK”



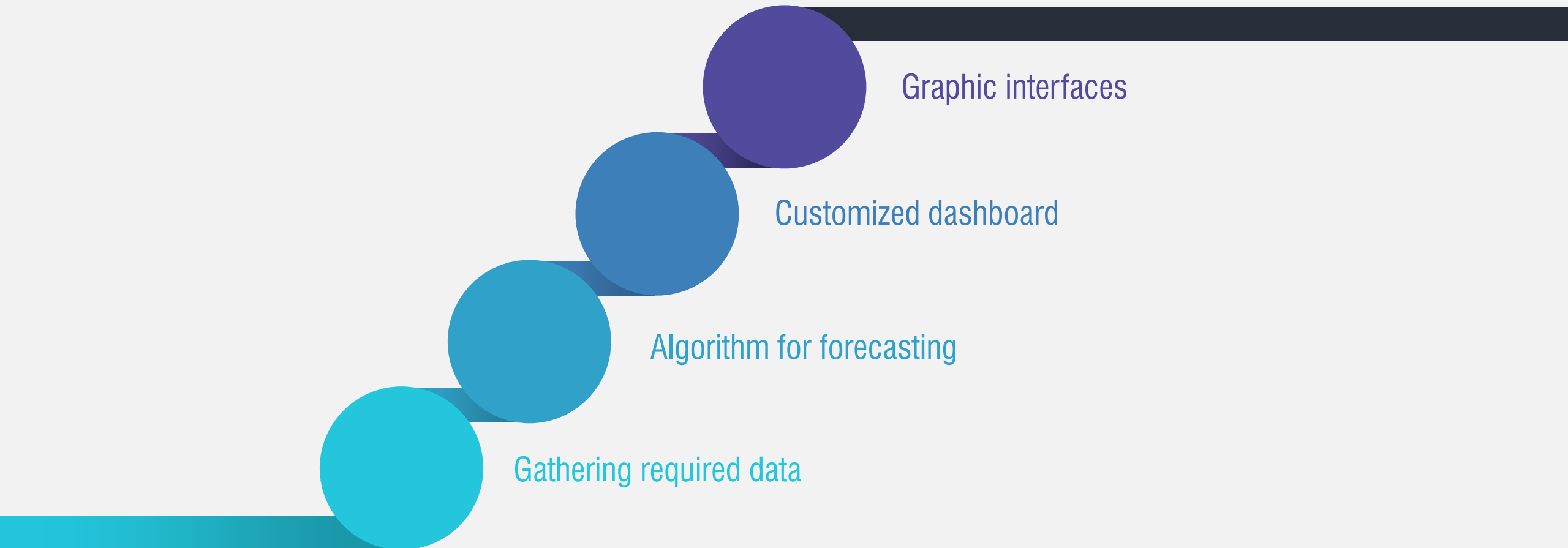
CAN BE PURCHASED
BY
THIRD PARTIES



BENEFITS OF OUR SERVICE



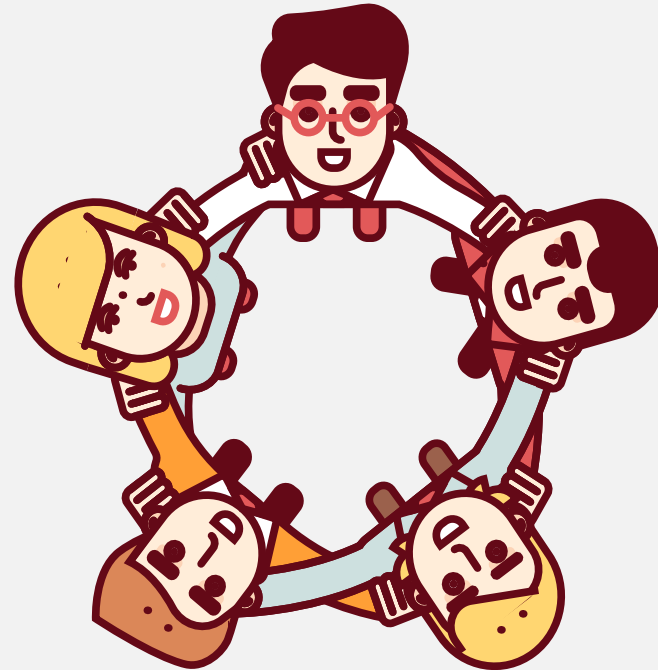
PILLARS OF OUR SERVICE



NEXT STEP?

COMMITMENT

of partners





Coffee Donation



ATTRACT will deliver breakthrough technologies for global markets and create an ecosystem for investment, entrepreneurship and innovation.

ATTRACT will work to getting more value from science base and high-tech multiplying the economic effect.

KEY ENABLERS FOR BREAKTHROUGH INNOVATION

Selection & emerging technologies affect all major technology areas:

- Cloud-edge selection and emerging technologies - the most relevant target of ATTRACT - takes a key role in enabling for all major technology areas. After talent, power, advanced, technical applications, commercially viable, products and business, leading emerging technical challenges, only are these technologies in our step to market.

| ADVANCED MATERIALS/TURNING | LIFE/SCIENCE & BIOTECHNOLOGY | MINING & AUTOMATION | CONSTRUCTION |
|----------------------------|------------------------------|---------------------|--------------------|
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
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| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |
| Advanced materials | Advanced materials | Advanced materials | Advanced materials |

A MEDIUM TO FACILITATE PRIVATE INVESTMENT

ATTRACT will create and promote a medium to capture the talent of private investors - business, private, venture capital firms and corporate investors - working together, looking to help attract private capital.

The ATTRACT Programme will create multiple entry points for private investors who will be able to use the various tools, information, training, guidance, or support services depending on their profile.

Logos: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.



THANK YOU!

