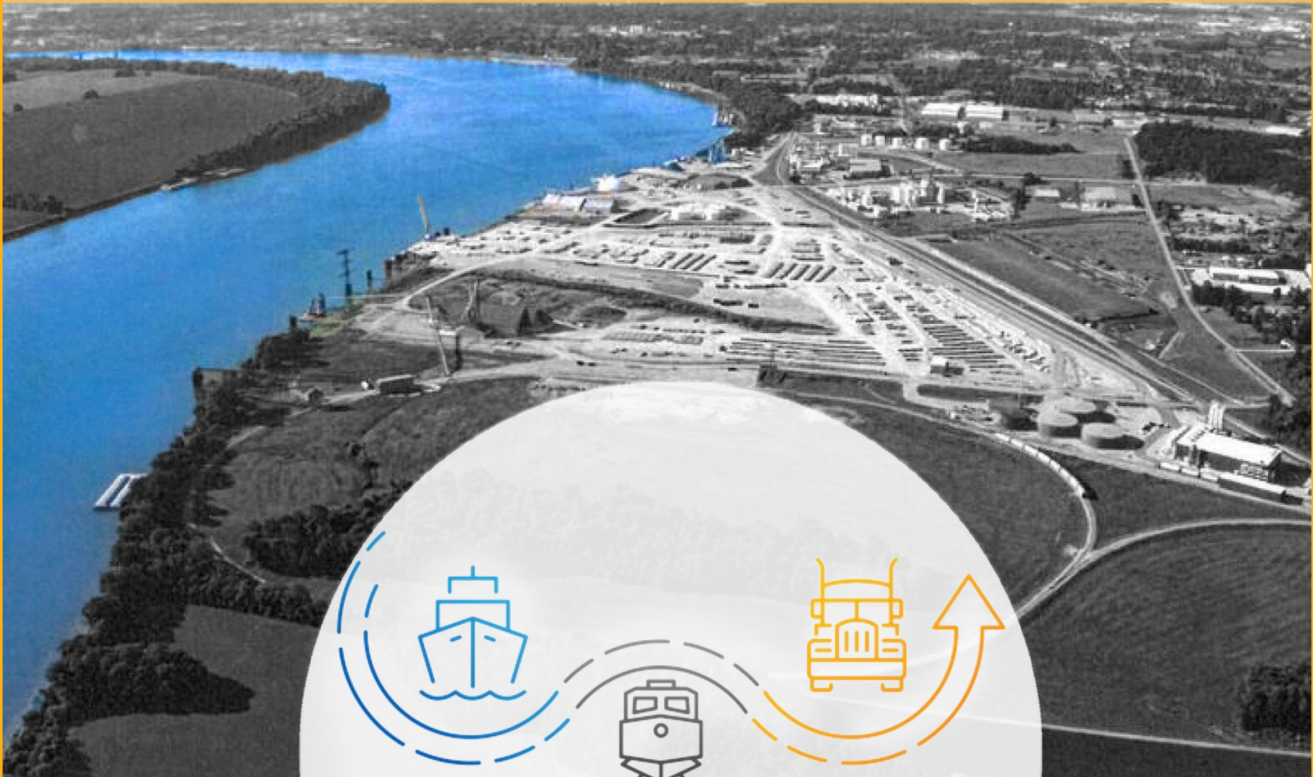


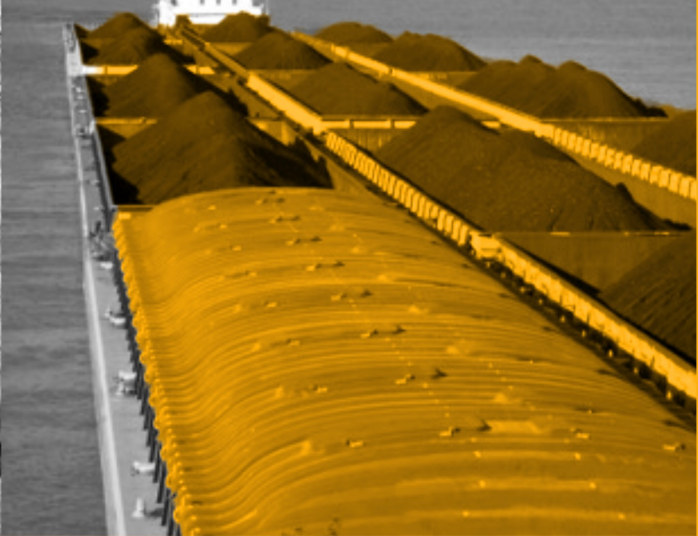
APPENDIX 5



KENTUCKY RIVERPORTS, HIGHWAY
& RAIL FREIGHT STUDY



KENTUCKY
TRANSPORTATION
CABINET



APPENDIX 5

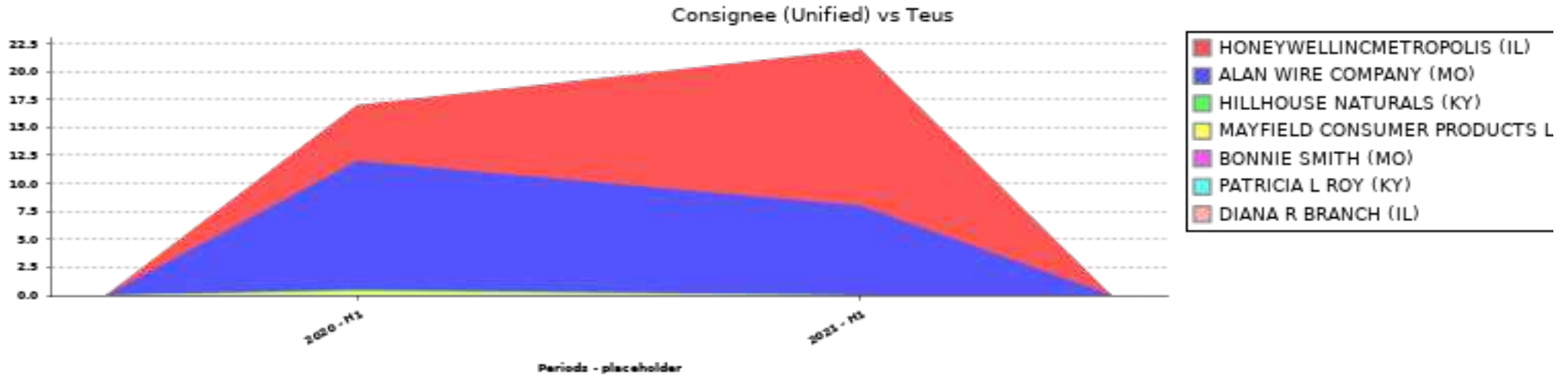
| | |
|---|--------|
| APPENDIX 5.1 Commodity-Sourcing Business Intelligence Platform | A-5.1 |
| Appendix 5.1a: Commodity-Sourcing Business Intelligence Platform | A-5.1a |
| Appendix 5.1b: Detailed Commodity-Sourcing Business Intelligence Platform | A-5.1b |
| Appendix 5.1c: Descartes Datamyne | A-5.1c |
| Appendix 5.1d: Value of Imports | A-5.1d |
| APPENDIX 5.2 Community Resources for Public-Private Partnerships | A-5.2 |

App 5.1a: Commodity-Sourcing Business Intelligence Platform

Main query filters: In Transit : No AND Consignee's Zip Code (within: 50 miles) : 42087 - WICKLIFFE, KY AND Product HS : 25 - SALT; SULFUR; EARTH & STONE; LIME & CEMENT PLASTER OR 44 - WOOD AND ARTICLES OF WOOD; WOOD CHARCOAL OR 26 - ORES SLAG AND ASH
 Drill Down filters: In Transit : No

USA Bills Import HOUSES

Data available from 01/01/2004 to 11/17/2021



| Consignee (Unified) | 2020 - H1 | | 2021 - H1 | | Volume Change | |
|-------------------------------------|--------------|---------------|--------------|---------------|---------------|---------------|
| | Teus | % | Teus | % | Teus | % |
| HONEYWELLINCMETROPOLIS (IL) | 17.00 | 56.99 | 22.00 | 24.25 | 5.00 | 29.42 |
| ALAN WIRE COMPANY (MO) | 12.00 | 40.23 | 8.00 | 8.82 | -4.00 | -33.34 |
| HILLHOUSE NATURALS (KY) | 0.50 | 1.68 | 0.00 | 0.00 | -0.50 | -100.00 |
| MAYFIELD CONSUMER PRODUCTS LLC (KY) | 0.34 | 1.12 | 0.00 | 0.00 | -0.34 | -100.00 |
| BONNIE SMITH (MO) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| PATRICIA L ROY (KY) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| DIANA R BRANCH (IL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 |
| Total | 29.84 | 100.00 | 90.74 | 100.00 | 60.91 | 204.09 |

17:42 11/19/2021

App 5-1b: Detailed Commodity-Sourcing Business Intelligence Platform

View Excel File to see data: Ch5_Appendix 5-1B.xlsx

Examples of data from Appendix 5-1B spreadsheet

| Date | Month | Consignee Declared | Consignee Declared Address | Consignee Type | Consignee Telephone | Consignee Email | Shipper Declared | Shipper Address |
|----------|-------|------------------------|--------------------------------------|----------------|---------------------|-----------------|------------------|-----------------|
| 11/17/21 | 11 | HVAC DISTRIBUTING, LLC | 60 REMINGTON WAYHICKORY, KY 42 051 . | COMPANY | | | NOT DECLARED | |
| 11/17/21 | 11 | HVAC DISTRIBUTING, LLC | 60 REMINGTON WAYHICKORY, KY 42 051 . | COMPANY | | | NOT DECLARED | |

| Master Size | Master Type of Cargo | Master HS | Container | Pieces | Description | Harmonized | Marks & Numbers | Type | Size | Type of Cargo |
|-------------|----------------------|-----------|-------------|--------|-----------------------|------------|-----------------|------|------|------------------|
| 40 | NON REFRIGERATED | 841590 | FWRU0162482 | 290 | AIR CONDITIONER PARTS | | N/M | DRY | 40 | NON REFRIGERATED |
| 40 | NON REFRIGERATED | 841590 | FWRU0162991 | 288 | AIR CONDITIONER PARTS | | N/M | DRY | 40 | NON REFRIGERATED |

| Final Destination | Country of Origin | World Region by Country of Origin | Place of Receipt | Country by Place of Receipt | World Region by Place of Receipt |
|-------------------|-------------------|-----------------------------------|------------------|-----------------------------|----------------------------------|
| MEMPHIS,TN | CHINA | EASTERN ASIA | YANTIAN, CHINA | CHINA | EASTERN ASIA |
| MEMPHIS,TN | CHINA | EASTERN ASIA | YANTIAN, CHINA | CHINA | EASTERN ASIA |

1,305 rows

Column Headings

- | | | |
|-----------------------------------|------------------------------------|--|
| Date | IMO Code Declared | Metric Tons |
| Month | IMO Code | Kilograms |
| Consignee Declared | High Cube | Teus |
| Consignee Declared Address | Master Short Container Description | TEUS Empty Containers |
| Consignee Type | Bill Master | Empty Containers |
| Consignee Telephone | HS | Total calculated value (US\$) |
| Consignee Email | HS 2 | VIN Quantity |
| Shipper Declared | HS 4 | Container LCL/FCL |
| Shipper Address | HS Description | Calculated Value by HS (HS) |
| Notify Name | Hazardous Material | Calculated Value by HS (Teus) |
| Notify Address | Container Size 20 | Calculated Value by HS (Container Quantity) |
| Carrier Code | Container Size 40 | Calculated Value by HS (Metric Tons) |
| Carrier | Container Size 45 | Calculated Value by HS (Calculated Value (US\$)) |
| Master Consignee Declared Address | Container Size Others | VIN Number |
| Master Shipper Address | Container Type Dry | Manufacturer Code |
| NVOCC Code | Container Type Refrigerated | Manufacturer Name |
| NVOCC | Container Type Others | Country Code |
| VOCC Code | Master HS Description | Country Name |
| VOCC | Master HS | Year |
| Bill Master Carrier | Port of Arrival | Master Container |
| Master Consignee (Unified) | Foreign Destination | Master Pieces |
| Master Shipper | US Region | Master Description |
| Master Notify Name | World Region by Port of Departure | Master Harmonized |
| Master Notify Address | Country by Port of Departure | Master Marks & Numbers |
| Consignee (Unified) | Port of Departure | Master Type |
| Consignee (Consolidated) | State of Arrival Port | Master Size |
| Consignee Duns | Vessel | Master Type of Cargo |
| Consignee Dom. Ult. Duns | Vessel Country | Master HS |
| Shipper (Unified) | Voyage | Container |
| Shipper Code (Unified) | Final Destination | Pieces |
| Consignee State | Country of Origin | Description |
| Consignee City | World Region by Country of Origin | Harmonized |
| Consignee Zip Code | Place of Receipt | Marks & Numbers |
| Consignee's County | Country by Place of Receipt | Type |
| In Transit | World Region by Place of Receipt | Size |
| Bill of lading Nbr. | Quantity | Type of Cargo |
| Master/House | Quantity Unit | HS |
| Mode of Transport | Weight | |
| Estimated Date | Weight Unit | |
| In bond entry type | Measure | |
| Short Container Description | Measure Unit | |
| | Container Quantity | |

App 5.1c: Decartes Datamyne – See Ch5_Appendix5-1C.xlsx (54 columns x173 rows)

| | A | B | C | D | E | F | G | H |
|----|--------------------------------------|-------------|---------------------------------|-------------|-----------------------------|--|------------------------|---|
| | Buyers | Data Source | Business Name | DUNS Number | Status | Full Address | URL | Address |
| 1 | SHOE CARNIVAL, INC (IN) | DNB | Shoe Carnival, Inc. | 877518725 | Headquarter Location | 7500 E Columbia St Evansville, IN | www.scvf.com | 7500 E Columbia St |
| 2 | VIBRACDUSTIC AUTO MEX (KY) | DM | Vibracoustic Auto Mex | | | 3408 US HIGHWAY 60 EAST | | 3408 US HIGHWAY 60 EAST |
| 3 | CENTURY ALUMINUM COMPANY (KY) | DNB | Century Aluminum Company | 054279809 | Division or Single location | 1627 State R# 271 N Hawesville, KY 42348, USA | www.centuryal.com | 1627 State R# 271 N |
| 4 | ALCOA WARRICK OPERATIONS (IN) | DM | Alcoa Warrick Operations | | | 4000 WEST STATE ROUTE 66 | | 4000 WEST STATE ROUTE 66 |
| 5 | CJ S CORPORATION (IN) | DM | CJ S Corporation | | | 13644 STATE RD 57 EVAN SVLLIN | | 13644 STATE RD 57 EVAN SVLLIN |
| 6 | DARAMIC, LLC (KY) | DNB | Daramic, LLC | 546579904 | Division or Single location | 5525 US Highway 60 E Owensboro, KY 42303-8703, USA | | 5525 US Highway 60 E |
| 7 | WARRICK NEWCO LLC (IN) | DM | Warrick Newco LLC | | | ALCOA WARRICK OPERATIONS 4400 WEST STATE ROUTE 66 | | ALCOA WARRICK OPERATIONS 4400 WEST STATE ROUTE 66 |
| 8 | WAREHOUSING OF EVANSVILLE LLC (IN) | DM | Warehousing Of Evansville Llc | | | 1100 E STREET | | 1100 E STREET |
| 9 | MEYER DISTRIBUTING INC (IN) | DM | Meyer Distributing Inc | | | 560 E 25TH ST | | 560 E 25TH ST |
| 10 | SOUTHWIRE KENTUCKY ROD MILL (KY) | DM | Southwire Kentucky Rod Mill | | | 1987 STATE ROUTE 3543 BELLS UNITED STA | | 1987 STATE ROUTE 3543 BELLS UNITED STA |
| 11 | CENTURY ALUMINUM OF KENTUCKY GP (KY) | DM | Century Aluminum Of Kentucky Gp | | | 1627 STATE ROUTE 3543 US CTC MARC ROBERTS | | 1627 STATE ROUTE 3543 US CTC MARC ROBERTS |
| 12 | ALCOA WARRICK LLC (IN) | DM | Alcoa Warrick Llc | | | STATE ROUTE 66 | | STATE ROUTE 66 |
| 13 | NEEDHAM AG TECHNOLOGIES LLC (KY) | DM | Needham Ag Technologies Llc | | | 4911 81 NORTH | | 4911 81 NORTH |
| 14 | RAYLOC MORGANFIELD (KY) | DM | Rayloc Morganfield | | | 3710 US HWY 60 EAST | | 3710 US HWY 60 EAST |
| 15 | BERRY GLOBAL, INC (IN) | DNB | Berry Global, Inc. | 523327731 | Headquarter Location | 101 Oakley St Evansville, IN 47710-1232, USA | www.berryglobal.com | 101 Oakley St |
| 16 | SUNSPRING AMERICA, INC (KY) | DNB | Sunspring America, Inc. | 520122838 | Division or Single location | 1105 5th St Henderson, KY 42420-2803, USA | | 1105 5th St |
| 17 | GEORGE KOCH SOHS, LLC (IN) | DNB | George Koch Sohs, LLC | 054457192 | Headquarter Location | 10 S 11th Ave Evansville, IN 47712-6800, USA | www.kochllc.com | 10 S 11th Ave |
| 18 | HEN EAGLE, LTD (IN) | DNB | Hen Eagle, Ltd | 011828462 | Division or Single location | 6149 Wiedeking Ave Evansville, IN 47715-8532, USA | www.eagleobserving.com | 6149 Wiedeking Ave |
| 19 | BAKERS HOME FURNISHINGS (IN) | DM | Bakers Home Furnishings | | | 1 BEST DRIVE INDUSTRIAL PARK | | 1 BEST DRIVE INDUSTRIAL PARK |
| 20 | GBBS DIE CASTING CORPORATION (KY) | DNB | Gibbs Die Casting Corporation | 049846627 | Headquarter Location | 369 Community Dr Henderson, KY 42420-4397, USA | www.gbbsdc.com | 369 Community Dr |
| 21 | WARRICK NEWCO LLC ALCOA WARRICK (IN) | DM | Warrick Newco Llc Alcoa Warrick | | | OPERATIONS 4400 WEST STATE ROUTE 66 | | OPERATIONS 4400 WEST STATE ROUTE 66 |

App 5.1d: Value of Imports

| Consignee (Unified) | Bills of Lading | Container Quantity | Metric Tons | Teus | TEUS Empty Containers | Empty Containers | Total calculated value (US\$) |
|---------------------------------------|---|--------------------|-------------|-------|-----------------------|------------------|-------------------------------|
| RAYLOC (KY) | 5.00 | 10.00 | 177.34 | 10.00 | 0.00 | 0.00 | 402,969.66 |
| RUBISCO SEEDS LLC (KY) | 2.00 | 1.50 | 25.00 | 3.00 | 0.00 | 0.00 | 248,737.74 |
| RAYLOC MORGANFIELD KY 42437 | 2.00 | 3.00 | 50.85 | 3.00 | 0.00 | 0.00 | 115,546.46 |
| SHPP MT VERNON SITE (IN) | 1.00 | 1.00 | 19.32 | 2.00 | 0.00 | 0.00 | 27,158.12 |
| OFS BRAND HOLDING INC (IN) | 1.00 | 1.00 | 8.80 | 2.00 | 0.00 | 0.00 | 16,517.60 |
| CHAMPION LABORATORIES INC (IL) | 1.00 | 1.00 | 3.98 | 2.00 | 0.00 | 0.00 | 7,021.12 |
| TRI STATE HINDU TEMPLE (IN) | 1.00 | 1.00 | 16.50 | 1.00 | 0.00 | 0.00 | 9,649.20 |
| UNIFIRST CORPORATION (KY) | 1.00 | 0.50 | 9.41 | 1.00 | 0.00 | 0.00 | 0.00 |
| SABIC INNOVATIVE PLASTICS US LLC (IN) | 1.00 | 1.00 | 10.46 | 1.00 | 0.00 | 0.00 | 16,278.90 |
| BOOTZ MANUFACTURING CO LLC (IN) | 1.00 | 0.14 | 7.24 | 0.29 | 0.00 | 0.00 | 2,412.37 |
| NEEDHAM AG TECHNOLOGIES LLC (KY) | 1.00 | 0.08 | 0.50 | 0.17 | 0.00 | 0.00 | 1,208.00 |
| WEBB WHEEL (IN) | 1.00 | 0.06 | 2.27 | 0.13 | 0.00 | 0.00 | 3,123.21 |
| Total: | 16.00 | 20.28 | 331.67 | 25.59 | 0.00 | 0.00 | 850,622.37 |
| COUNTRY | USA Bills Import HOUSES | | | | | | |
| GENERATED | 11/19/2021 - 12:27 | | | | | | |
| PARAMETERS | USA Bills Import HOUSES : 01/01/2021 to 11/17/2021 where : In Transit : No AND Consignee's Zip Code (within: 50 miles) : 42419 - HENDERSON, KY AND Product HS : | | | | | | |
| | 12 - OIL SEEDS ETC.; MISC GRAIN, SEED, FRUIT, PLANT ETC OR 31 - FERTILIZERS OR 25 - SALT; SULFUR; EARTH & STONE; LIME & CEMENT PLASTER | | | | | | |

Appendix 5.2: KY Riverport Community Resources for Public-Private Partnerships

| Organization or Case Example | Website/URL |
|--|---|
| Resources for P3's Focused on Workforce and Learning | |
| Genysisworks: School Mentoring & Internship Opportunities | Genysisworks: https://genesysworks.org |
| Junior Achievement USA: Youth Mentoring and Professional Experience Opportunities | JAUSA: https://jausa.ja.org/ |
| IBM Corporate Social Responsibility Program: Case Study of IBM High School Student Engagement Program | IBM CSR Program: www.ibm.com/blogs/corporate-social-responsibility/2020/06/redesigning-high-school/ |
| National League of Cities: Case Study of Learning Program in Austin, TX | https://www.nlc.org/article/2017/11/09/how-austin-texas-got-equitable-economic-development-right/ |
| Resources for P3's with Private Investment Funds | |
| CG/LA Infrastructure: A Private Entity Identifying and Connecting Infrastructure Projects with Private Capital and Political Leadership | www.cg-la.com/about |
| Global Logistics Development (GLD) Partners: Firm Providing Consulting and Project Delivery for Privately Funded Infrastructure Projects | www.gldpartners.com |
| Global Infrastructure Investors Association (GIIA): Membership Organization of Private Infrastructure Investors | https://giia.net |
| Resources for P3's Focusing on Innovation Hubs | |
| KY Innovation: Innovation Office of Kentucky Cabinet for Economic Development (CED) | https://www.kyinnovation.com |
| International Case Studies: Examples from Abroad on Ports as Innovation Hubs | https://www.innovationnewsnetwork.com/inland-ports-as-innovation-hubs/4884/ |
| Resources for P3's for Office, Industrial, and Mixed-Use Sites Related to Ports | |
| Port Innovation Districts: Examples of Port Innovation District Concepts | https://piernext.portdebarcelona.cat/en/people/port-innovation-districts-synergies-between-the-city-and-the-port/ |
| Louisville Riverport Authority: Developing Port Authority in Louisville (Good Model for Developing Riverports Focusing on Development Sites) | https://www.louisvilleriverportauthority.com |
| The Port Workspaces: Example of a Firm Developing Shared Workspaces on Port Properties to Encourage Working/Collaboration at Ports | https://portworkspaces.com/ |